PUBLIC WORKS DEPARTMENT

(BOMBAY PRESIDENCY)

ADMINISTRATION REPORT

FOR THE YEAR

1917-1918

L 1917-20

PART II

IRRIGATION WORKS

ACCOUNTS AND STATISTICAL STATEMENTS

133354

(Part I—Civil and Military Works—is issued separately)

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ADMINISTRATION REPORT

OF

IRRIGATION WORKS IN THE BOMBAY PRESIDENCY FOR 1917-18.

I.—GENERAL.

A.—DETAILS OF DIRECT EXPENDITURE.

In the year 1917-18 the direct expenditure (excluding collection charges) on all the Irrigation Works throughout the Presidency amounted to Rs. 74 lákhs compared with Rs. 68½ lákhs in the previous year, and Rs. 84 lákhs, the average of the last three years. The total is classified and divided between the Presidency proper and Sind as follows :—

	Deccan and Gujarát.	Sind.	Total.
	Rs.	Rs.	Rs.
Works ...	21,84,044	5,26,226	27,10,270
Repairs ...	4,81,133	22,77,279	27,58,412
Establishment ...	8,52,836	8,83,538	17,36,374
Tools and Plant ...	62,745	31,389	94,134
Refunds of Revenue ...	2,087	338	2,425
Gratuitous Relief ...	.....	.....	.....
Suspense Account ...	1,03,720	4,327	1,08,047
Receipts on Capital Accounts ...	—4,404	.....	—4,404
Total ...	36,82,161	37,23,097	74,05,258

2. The distribution of the above expenditure under Major heads of Accounts is given below :—

Heads.	Rs.	Amount. Rs.	Remarks.
Capital Account—			
Major Works—			
Protective Works	(a) 26,20,567		
Productive Works	73,636		
		26,94,203	Imperial.
Minor Works and Navigation—			
Works for which Capital and Revenue Accounts are kept ...	.....	57,788	Half Imperial and half Provincial.
Revenue Account—			
Major Works—			
Protective Works	3,05,626		
Productive Works	14,83,748		
		17,89,374	Do.
Minor Works and Navigation—			
Works for which Capital and Revenue Accounts are kept ...	5,15,841		
Works for which only Revenue Accounts are kept ...	9,89,343		
		15,05,184	Do.
Works for which neither Capital nor Revenue Accounts are kept—			
Agricultural Works	12,69,621		Do.
Contribution Works	47,992		Deposit contribution.
		13,17,613	
Construction of Protective Works	.....	41,096	Imperial.
Famine Relief outlay on Irrigation Works	.....	.....	
	Grand Total ...	74,05,258	

(a) Includes expenditure in England, Rs. 22,327.

B.—FIGURES FOR CAPITAL WORKS ONLY.

3. The receipts on Capital Irrigation Works alone compared with the year's expenditure show a profit of Rs. 30,21,506 in Sind and a loss of Rs. 18,21,942 in the Deccan and Gujarát :—

Class of works.		Direct Receipts.	Indirect Receipts.	Total Direct and Indirect Receipts.	Direct expenditure.		
					Capital.	Working expenses (including the share of collection charges.)	Total.
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Major Irrigation works	Deccan and Gujarát.	13,62,980	4,064	13,67,044	26,15,793	6,26,962	32,42,755
	Sind	2,26,201	28,68,444	30,94,645	73,636	13,63,688	14,37,324
Minor Irrigation works for which Capital and Revenue Accounts are kept.	Deccan and Gujarát	1,73,249	4,625	1,77,874	6,468	1,17,637	1,24,105
	Sind	79,475	18,59,160	19,38,635	56,094	5,18,356	5,74,450
Total Deccan and Gujárat ...		15,36,229	8,689	15,44,918	26,22,261	7,44,599	33,66,860
Total Sind ...		3,05,676	47,27,604	50,33,280	1,29,730	18,82,044	20,11,774
Grand Total, Deccan and Gujarát and Sind, 1917-18		18,41,905	47,36,293	65,78,198	27,51,991	26,26,643	53,78,634
Grand Total, average of last three years ...		19,13,089	49,26,711	68,39,800	39,44,302	24,60,436	64,04,738

4. The area under irrigation showed, on the whole, a decrease of over 3 per cent. on the average of last triennium. These areas and estimated value of the crops grown are contrasted in the following statement :—

Capital Works.	Area.			Value.		
	1917-18.	Average of 3 years ending 1916-17.	Difference.	1917-18.	Average of 3 years ending 1916-17.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Major Works—						
Deccan and Gujarát ...	113,661	110,176	+3,485	1,73,14,031	1,33,03,989	+40,10,042
Sind	1,363,789	1,417,030	**-53,241**	3,49,81,562	3,37,91,764	+11,89,798
Total ...	1,477,450	1,527,206	**-49,756**	5,22,95,593	4,70,95,753	+51,99,840
Minor Works—						
Deccan and Gujarát ...	35,741	36,418	-677	20,66,702	12,87,991	+7,78,711
Sind	1,021,263	1,038,592	**-17,329**	2,04,86,346	2,51,22,189	**-46,35,843**
Total ...	1,057,004	1,075,010	**-18,006**	2,25,53,048	2,64,10,180	**-38,57,132**
Grand Total ...	2,534,454	2,602,216	**-67,762**	7,48,48,641	7,35,05,933	+13,42,708

C.—FIGURES FOR OTHER THAN CAPITAL WORKS.

5. These may be works for which only Revenue Accounts are kept, or works for which neither Capital nor Revenue Accounts are kept. The former are termed Second Class Irrigation Works in the Presidency (excluding Sind). The receipts on these works are principally in the form of a share of the Land Revenue and are termed "Indirect" and as such are book credits, so that figures of revenue appearing in the Finance Accounts, as distinguished from the Statistical Statements accompanying the Irrigation Administration Report, are very small, being for direct revenue only, *viz.*, proceeds from sale of water, etc. The area of irrigation on these very numerous works is always large, but it fluctuates to

some extent with the seasons. The following statements give a comparison of this year's and the average of the last three years' figures :—

Class of works.	Revenue.			Expenditure.	Net Revenue.
	Direct.	Indirect.	Total.		
MINOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
Works for which only Revenue Accounts are kept. Deccan and Gujarát.	18,725	5,91,151	6,09,876	3,10,081	2,99,795
Works for which only Revenue Accounts are kept. Sind	79,939	23,36,765	24,16,704	8,77,761	15,38,943
Total for 1917-18 ...	98,664	29,27,916	30,26,580	11,87,842	18,38,738
Average total for triennium ending 1916-17 ...	74,716	32,30,752	33,05,468	13,82,749	19,22,719
Works for which neither Capital nor Revenue Accounts are kept. Deccan and Gujarát.	13,195	.....	13,195	58,363	-45,168
Works for which neither Capital nor Revenue Accounts are kept. Sind	18,889	9,51,762	9,70,651	12,98,834	-3,28,183
Total for 1917-18 ...	32,084	9,51,762	9,83,846	13,57,197	-3,73,351
Average total for triennium ending 1916-17 ...	27,779	9,57,848	9,85,627	11,74,106	-1,88,479
Grand Total for 1917-18 ...	1,30,748	38,79,678	40,10,426	25,45,039	14,65,387

NOTE.—In this report whenever the average is referred to, it is the average of the last three years, unless otherwise defined.

Class of works.	Area.			Value of crops.		
	1917-18.	Average of the triennium ending 1916-17.	Difference.	1917-18.	Average of the triennium ending 1916-17.	Difference.
	Acres.	Acres.	Acres.	Rs.	Rs.	Rs.
Minor Works— Works for which only Revenue Accounts are kept—						
Deccan and Gujarát ...	153,997	142,213	+11,784	48,02,757	41,28,276	+6,74,481
Sind	1,087,093	1,156,645	-69,552	2,72,64,408	2,65,77,889	+6,86,519
Total ...	1,241,090	1,298,858	-57,768	3,20,67,165	3,07,06,165	+13,61,000
Works for which neither Capital nor Revenue Accounts are kept—						
Deccan and Gujarát ...	1,224	1,422	-198	59,389	55,949	+3,440
Sind	34,973	38,109	-3,136	10,13,581	9,02,753	+1,10,828
Total ...	36,197	39,531	-3,334	10,72,970	9,58,702	+1,14,268
Grand Total ...	1,277,287	1,338,389	-61,102	3,31,40,135	3,16,64,867	+14,75,268

D.—REVIEW OF IRRIGATION.

Description of irrigation.

6. The different conditions obtaining in Sind and in the Presidency proper are brought out strikingly in a general review of irrigation. Well irrigation is similar in the whole of the Presidency, but canal irrigation in Sind is entirely different from the canal and tank irrigation in the Deccan and Gujarat.

7. Owing to the scanty and precarious character of the rainfall in Sind, cultivation entirely depends upon irrigation. The country is for the most part flat and the soil is mostly very fertile, but until it is brought under irrigation, the land presents everywhere the appearance of a desert.

8. The river Indus is the main source of water supply of the canals in Sind. With a few exceptions, all the canals receive water, from June to September only during the inundation of the Indus, and their flow is very variable. They can get only very little water with a low river, while a fairly high and long-lasting inundation permits of the wide-spread cultivation of valuable crops.

9. In the Deccan and Gujarat, the cultivation depends upon rainfall. The tanks and canals are therefore useful for the purpose of growing more valuable crops and to counteract the evil effect of years of drought. The larger irrigation schemes in this part of the Presidency involve the construction of costly storage reservoirs.

Inundation and rainfall in Sind.

10. The inundation of 1917 was remarkable for the low river level in July, its good and steady level in August and its abnormal height during September. The season's rainfall was abnormal and did a great deal of damage to cultivation particularly in the Ghar and Western Nara Districts and in the Jamrao area. Owing to the very late rise of the river and to untimely rains, the season was a poor one except for rabi cultivation on high lands.

Rainfall in the Deccan and Gujarat.

11. In the Deccan, the rainfall was timely and seasonable in most of the districts and the agricultural conditions were fair. In Gujarat, the monsoon broke early in May and lasted until the end of October; consequently there was not much demand for canal water.

Area irrigated and gross revenue.

12. The area irrigated in Sind during the year under review was over $3\frac{1}{2}$ millions acres or more than one-fourth of the total culturable area of the province. The gross revenue was 84 lákhs of rupees. The figures for the previous triennium are $3\frac{3}{3}$ million acres and 89 lákhs of rupees respectively.

13. The total area irrigated in the Deccan and Gujarat was 3,04,623 acres only out of nearly 29 million acres classed as culturable. The revenue from all sources was nearly Rs. 22 lákhs as against Rs. $22\frac{1}{4}$ lákhs, the average of the previous 3 years.

II.—SIND.

1.—NATURE OF INUNDATION AND RAINFALL.

Character of Inundation.

14. The inundation of 1917 was remarkable for the lowness of the river throughout the month of July, its good and steady level throughout August, and its abnormal height throughout the whole of September.

15. The river commenced to rise early in June but did not reach the "fair irrigating level" of 13 feet on Bukkur gauge till the 9th of August 1917. It continued above this level for 30 days as compared with 9 days in 1916, none in 1915 and 18 days, the average of the previous triennium.

16. The "fair irrigating level" (17 feet on the Kotri gauge) was first registered on the 1st August 1917. The river remained above this level for 73 days as compared with 86 in 1916, 65 in 1915 and 84 days, the average of the previous three years.

17. The highest readings for the year were 15·8 feet on the Bukkur gauge on the 16th August and 23·0 feet on the Kotri gauge on the 6th September as compared with 13·6 and 22·1 on the Bukkur and Kotri gauges respectively in 1916, the recorded maximum readings on these two gauges being 17·9 feet and 23·8 feet respectively.

Rainfall.

18. The rainfall during the season was abnormal throughout Sind and did a great deal of damage to cultivation and property. Owing to the very late rise of the river and to abnormal rainfall, the season was a very bad one for dry crop cultivation.

19. As regards rice, the seedlings withered in July and had to be resown in many places and a good deal of the rice cultivation in low lands was flooded.

20. The season was a poor one except for rabi cultivation on high lands.

2.—INDUS RIGHT BANK DIVISION.

(i)—WORKS FOR WHICH CAPITAL AND REVENUE ACCOUNTS ARE KEPT.

Desert Canal.

21. The canal was opened on 1st June as usual and ceased to flow on 25th November 1917. During practically all June water had to be cut off at the head regulator. But in July rotations had to be enforced at different regulators. From the 29th July till the end of the season the water was always more than required. The full supply gauge reading of 10 feet was obtained on 35 days, but the maximum that could be let into canal was 9·5 feet. Full supply of 2,750 cusecs was obtained on 61 days.

22. The Adiowah gave a good supply from the beginning of August onwards. Full supply was obtained for 16 days and the canal flowed for 73 days. The scheme for remodelling this canal has been sanctioned and the work is in progress.

Unharwah.

23. The canal was opened on 1st June 1917. After the first few days the water supply became deficient with the result that rotations had to be enforced which gave water only for about 5 days out of every 12. From the end of July upto the close of the season the supply was more than sufficient. The canal finally stopped flowing on 19th October 1917. Full supply level of 10 feet was obtained or obtainable on 32 days and the designed discharge of 1,650 cusecs on 50 days.

24. There is considerably more silt in the main canal and its branches this year than there was in either of the past two seasons, due probably to the high river bringing in large quantities of silt, practically right up to the end of the season.

25. Within the limitations imposed by very deficient supply in the latter half of June and all July the canal and its branches worked excellently. Khariro branch had been regraded during the working season and as a result the supply at the tail improved appreciably. The tails of Unharwah and Nasir branch did much better than usual due chiefly to the fact that there was less demand than usual in the upper reaches on account of the heavy rainfall.

26. The canal was opened on 1st June as usual and finally ceased to flow on 8th November 1917. The water-supply was somewhat deficient in June and July, but rotations were enforced. The zamindars suffered very little although rice transplantation was somewhat delayed. Begari Canal.

27. The canal worked well, but owing to heavy erosion at the head combined with the head regulators having to be practically closed in August and September, there was considerable deposit of silt in the first 5,000 feet of the canal. This was partially removed during the working season.

28. The maximum level, 11·6 feet, that could be let into the canal was obtained on 33 days and the designed discharge of 5,668 cusecs on 61 days.

29. Owing to heavy rains all over the canal area and to hill torrents flooding the area at the tail, all the cross regulators had to be partially closed during August and September, with the result that the karias taking off below and near these regulators were placed at a disadvantage.

30. Four breaches occurred, one above Choi regulator, which did no damage, and three at the tail of Begari Canal, which did considerable damage. Water was excessive at the tail owing to the fact that it was impossible to cut off sufficient water at the Choi regulator. The maximum was cut off, which the right bank of the canal above the regulator could stand.

31. Sirwah and Edanwah were very badly breached by hill torrents.

32. Choi branch again worked excellently and there were very few complaints from zamindars. Rice cultivation seems to have extended considerably this year, which is at least a sign that water is sufficient and that the zamindars have some faith in the canal. Rabi has also increased, partly due to pressure being put on zamindars to grow wheat and also to the fact that they are realizing its advantages. The other branches of the Begari also worked well.

33. The Mahiwah was opened on the 13th June 1917. This year the canal received a greater proportion of its supply from the Lalugah than from the Gudu Dhand and it is likely that this will be its chief source of supply in the future. Mahiwah.

34. All wide portions of the main canal and feeders were groined, which did away with the necessity of silt clearance and caused the silt from the head regulator to Mirkosh to be scoured out.

35. The Kharif discharge up to the 5th of August was very deficient, after which full supply was maintained till the end of the month.

36. Very big areas of rabi cultivation were sown this year and rotation was resorted to with good effect.

37. The Sukkur Canal was opened on the 28th May 1917. Full supply level at the Shikarpur road bridge in the 3rd mile was recorded on five days only during the season, although during August and September there was a big cut off at the head regulator. This unsatisfactory state of affairs is due to the banks being weak, also the Ghangra regulator is too weak to allow of more than a foot heading up. Sukkur Canal.

38. In order to keep the dhand feeding the Rahuja Head scoured and to do away with the necessity of silt clearance, side groynes were constructed in the worst portion which produced the desired result.

39. No clearance was done in the main canal, but silt banks were removed by means of side groynes.

40. The Ghar Canal was opened on the 27th May and continued to flow up to the 19th November 1917. Ghar Canal.

41. The full supply level at the head was recorded for 25 days in August, 5 days in September and one day in October, whereas in 1916 full supply level was not reached once.

42. This good result was greatly due to the big earthen dam that was constructed across the Ghar Dhand just below the Ghar Head.

43. The bed of the Nurwah at head was brought up to proper level by the construction of massive bed and side groynes which produced the required result.

44. The Naurangwah, which still silts badly, is gradually being brought up to proper section by means of side groynes. The raising of the Nurwah bed also improved its supply considerably.

45. The Fordwah, a feeder to the Ghar at its 25th mile, takes off the Ford Dhand. Both dhand and canal worked well although the head regulator remained closed practically throughout the season.

46. The Sattah Canal and its branch, the Rajwah, worked satisfactorily but was affected by the low river up to the 10th August 1917. Until the cut from the "Kohri" becomes canalized there will be necessity for keeping it cleared, which is done at present. Sattah Canal.

47. Rice seedlings withered in July and rats did much damage to standing crops late in September and October.

(ii) Works for which only Revenue Accounts are kept.

48. The principal canals under this head are the Sind, Western Nara, Pinyari, Kalri and Baghar Canals.

Sind Canal.

49. The Sind Canal was opened on the 2nd June 1917. Although the river was low in June and July, Colonel Fife's Channel worked comparatively very well and the supply after the 5th of August was more than sufficient, which enabled large areas of rabi to be sown.

50. Silt clearance on this canal and branches has been practically abolished by the construction of groynes where necessary. The pavements of all branches were raised to their working beds and the bed gradients were all remodelled with satisfactory results. There is a great necessity for improving the working of all branches of this canal; this work has been commenced with vigour.

51. There was active erosion at Loi, which heavily silted the old head feeding the Mirzawah.

Western Nára.

52. This canal was opened on the 1st of June 1917 with Bukkur reading 6·0 feet. It flowed with 3·5 feet reading on the new Akil Regulator as the cleared bed of the Gharo "B" feeding the Western Nara was kept to correspond with 3 feet on Bukkur.

53. The supply during June and middle of July was poor; the water then commenced to rise and reached a sufficiently high level of 12·3 feet on the 7th of August 1917. The regulator, which was kept fully open from the beginning, had then to be closed as water was not required below on account of floods, due to rain, which commenced to pour in and continued till the beginning of October.

54. The canal worked satisfactorily this season. Notwithstanding the late rise, the kharif outturn would have been satisfactory had it not been for the torrential rains. These not only submerged all the cultivation in low ground but brought down unprecedented floods from the hills which caused several breaches and overtopped the banks of the canal below mile 68 at several places and flooded almost all the cultivation on both banks of the canal. The canal ceased flowing on the 7th November 1917. The new Feeder commenced to take off direct from the river in 1916, but this year it again took its supply from a shallow dhand. It was opened on the 10th June and was closed on 7th August 1917. There was no complaint of deficiency and the crops grown were good.

55. The Pritchard Canal, the second feeder of the Western Nara, was opened on the 1st June 1917. Supply was deficient up to the beginning of August, but from the 8th August to 10th October the 2nd regulator had to be closed except for purposes of scouring out silt. The cultivation was normal and flourished. There were four breaches above the head regulator and one below it.

Pinyari Canal.

56. The Pinyari Canal and branches were opened on the 12th May 1917 and taking into consideration the lowness of the river, worked fairly well. Rotation was resorted to when supply was deficient with good results.

57. Seedlings withered on high lands in July and rats attacked the rice crop in September and October. Work on reduction of size of karia vents was continued.

Kalri.

58. The Kalri Canal was opened on the 17th June 1917. Its supply was very deficient up to the 10th of August, but afterwards till 10th October it was far in excess of requirements.

59. This canal is not working satisfactorily owing to the faulty alignment of the main canal and branches. The lands at the tail are liable to be flooded by breaches in the Baghar banks.

Baghar Canal.

60. The Baghar Canal, really one of the deltaic mouths of the Indus, has no head regulator. Its supply up to the 10th August was very inadequate and as a consequence many of its branches did not flow until very late in the season. The subsequent high and well maintained level of the river gave them an abundant supply, and had it not been for the extensive damage caused by rats, favourable crops would have been reaped.

61. The Baghar, not having a head regulator, breaches its banks continually when the level of water is high and does extensive damage to cultivation.

Unfinished Works.

62. The following are the principal original works under this head which were either commenced during the previous year or during the year under report but were yet in progress:—

	Expenditure during 1917-1918. Rs.
Additions and alterations to the Public Works Department Bungalow at Shahpur	1,773
Constructing a head regulator over Chario Wahur Canal	28,175
Constructing Daroga's landhi at Budhapur ...	1,104
Additions and alterations to Inspection Bungalow at Mehar	3,863

3.—INDUS LEFT BANK DIVISION.

(i) Works for which Capital and Revenue Accounts are kept.

63. While all the canals in the Right Bank Division take off direct from the Indus River, those in the Left Bank Division fall under two groups, *viz.*, (*a*) the Eastern Nara System and (*b*) canals taking off direct from the Indus.

64. Under (*a*) are the Nara River, the Jamrao, Mithrao, Khipro, Thar and Hiral Canals, of which the Khipro Canal flows during the inundation only, the others being perennial. The Thar, though classed as perennial, is closed on or about the 1st December each year to save the country round Umarkot from being water-logged.

65. Under (*b*) are the Dad, Nasrat, Fuleli, Hasanali and a large number of smaller canals, all being classed as inundation canals though the Fuleli receives a fair rabi supply.

(a) *Canals taking off from the Eastern Nara.*

66. The Nara Supply Channel is an artificial channel 12 miles in length taking off the river on its left bank above Rohri and forming the mouth of the Nara, an ancient course of the Indus. The supply channel worked satisfactorily during the year and no necessity for the services of a dredger was felt. The minimum discharge recorded during the year was 525 cusecs with a downstream reading of 6·1 feet at the head regulator. Owing to the construction of the Flood Diversion Bund, the Ghotki and Sarhad floods now enter the Nara River at the 34th mile instead of the 12th mile, and these, though supplemented by abnormal rains, did not reach the Eastern Nara District. The maximum height recorded at the 12th mile was 26·7 as compared with 26·1 last year. The head regulator was kept open throughout the inundation to prevent silting at the head. Nara Supply Channel.

67. Necessary repairs consisting of stone pitching and groining to the channel and its sides were carried out during the year. Fluctuations of silting and scouring occurred at the mouth and were carefully watched and recorded as usual. The earthwork of the Flood Diversion Bund (29 miles), mentioned in last year's report, was completed during the year under report, the expenditure incurred being Rs. 55,668. The total expenditure on the project has amounted to Rs. 3,83,190.

68. The Nara, from the end of the Nara Supply Channel to the Jamrao, is about 96 miles and from the Jamrao to the Thar weir about 100 miles in length. It commands over 500,000 acres of culturable land. The area cultivated during the year on the Nara in the Eastern Nara District was about 33,607 acres as against 42,463 acres in 1916-17 and 39,589 acres, the average of the previous three years. The Nara.

69. The Nara bed is in fairly good condition. During the year under report surplus water from the Nara was allowed to pass through Mooral and Baghdad Sangs from 12th August to 27th November 1917 to the Makhi Dhand which forms a reservoir for supplementing the rabi supply of the Mithrao. This greatly helped the Mithrao when deficiency was experienced in the latter part of the year (January aud February) and enabled the whole supply of the Nara to be given to the Jamrao Canal. The benefit has proved so obvious that instead of taking the source of supply of the Right Bank Distributary of the Makhi Distributaries Project (now under construction) direct from the Nara, thereby cutting off the Makhi Dhand supply to the Mithrao, it is proposed to take the head of this distributary from above Bakhora regulator and retain the Makhi Dhand for the rabi supply of the Mithrao.

70. No capital expenditure was incurred on the Jamráo Canal during the year. The recoveries of the year from colonists amounted to Rs. 3,724. Jamrao Canal.

71. Current repairs were carried out as usual to the head works, which were maintained in good order throughout the year and were not subjected to any undue strain as the maximum and average discharge passing down the Nara were both low. The scour hole near the divide line upstream of the weir completely silted up after the construction of the bunds across the inundation channel and the bund in continuation of the divide wall. These bunds stopped all cross-currents and now no further anxiety is to be apprehended.

72. The approach channel has maintained its satisfactory condition. Soundings were regularly taken and the behaviour of the silt trap carefully watched for any signs of undue silting. Owing to rainfall an opportunity was taken in September of closing the canal for four days and scouring out the silt trap by raising the undersluice gates. The groynes at the nose of the island at the head of the approach channel and also those on the opposite side on the right bank were maintained in good order and they continue to prevent all erosion at these places.

73. The canal, which was closed on 15th March, was reopened on 26th May after thorough clearance in the first 13 miles had been effected at a cost of Rs. 1,34,780. Some silt entered the canal during July, August and September as usual when the river was heavily charged with it in spite of all precautions. Experience has shown that it is not possible to exclude silt during the height of the inundation as experience has also shown that it is scoured out in the rabi season when the water is much clearer. Rabi rotations were started later than usual owing to the long duration of the inundation. At the end of the rabi season there was a sudden rise in the river in March 1918. Full advantage was taken of this rise to flush out the canal with clear water. The silt was scoured out and the section completely restored to the normal.

74. The area cultivated during the year was 240,170 acres as compared with 239,426 last year and 259,039 acres, the average of the previous three years. The area under cotton was about 106,500 acres as compared with 88,493 acres in the last year and 93,441 acres, the average acreage of the previous three years. Owing to heavy rains the outturn per acre was less than in the previous year. The price of cotton reached a phenomenal figure

and had it not been for the damage caused by the abnormally heavy rains, the zamindars, though on the whole they did well, would have made much larger profits.

75. An allotment of new land to the extent of 1,340 acres was made during the year on this canal.

The Mithrao.

76. The Mithrao is, as already mentioned, a perennial canal taking off from the Nara above the Makhi weir. The water-supply in the canal was fairly good on the whole, though deficiency was felt at the beginning of the season. All the branches worked well.

77. The 30th and 45th mile distributaries worked satisfactorily, but deficiency was experienced on the 30th mile Left Bank Distributary. Remedial measures have been taken.

78. The capital expenditure of the year amounted to Rs. 20,822 and was mainly incurred on constructing Makhi distributaries, right and left, and head distributary *ex*-Hiralwah.

79. The area cultivated during the year under report was 117,885 acres as compared with 127,389 acres in the last year and 129,418 acres, the average of the previous three years.

Hiral Canal.

80. The Hiral Canal was opened on 11th May and worked satisfactorily. The canal is designed for the cultivation of dry crops only and rice is entirely prohibited. But owing to the declining prosperity of the tract in the past this restriction was relaxed and, as mentioned in last year's report, zamindars were permitted to grow rice for another three years in low-lying and water-logged lands and also in high lift irrigated kalar lands in which dry crops cannot be successfully grown. The project referred to in last year's report for the improvement of the Hiral tract by the provision of drainage channels and the construction of the head distributary Hiral to convert lift lands into flow at tail of certain minors was sanctioned during the year, and the work is in progress.

81. The Hiral commands 49,900 acres of culturable land. The cultivation during the year was 10,303 acres as compared with 17,653 acres in the last year and 17,557 acres, the average of the previous three years.

82. No grant of new land was made to local zamindars or Junior Talpurs on the canal during the year, but 23 acres of fallow forfeited area were restored to the zamindars. An area of 776 acres was, however, forfeited during the year under fallow rules on account of non-payment of fallow assessment and 142 acres of grants cancelled.

Thar Canal.

83. The Thar Canal and its branches worked satisfactorily. As the river was low at the beginning of the season the canal did not get its full supply level of 8·7 feet and rotations had to be resorted to upto 12th August at the intermediate regulators.

84. The cultivation on this canal during the year was about 52,919 acres against 57,724 acres in the last year and 59,605 acres, the average of the three previous years.

85. A project for two distributaries (the 3rd mile Right and 7th mile Left Bank) designed to economize the present extravagant supply of water now obtained direct from the main canal by low lying karias between miles 3 to 8 on the Right and 7 to 13 on the Left Bank has been sanctioned and it is hoped that funds will be available in the next year to start construction on them.

Khipro Canal.

86. The Khipro Canal commenced flowing on the 26th May and ceased to flow on 1st November. The supply was below the normal in the beginning of the inundation, but on the whole the canal did as well as usual.

87. The cultivation during the year was about 3,133 acres against 4,592 acres in the last year and 4,019 acres, the average of the previous three years.

(b) *Canals taking off direct from the Indus.*

Nasrat Canal.

88. The supply in the Nasrat Canal was deficient during June and July and the fluctuations of the river caused the Lundi Dhand to silt at its head, causing a further decrease in the supply. The heavy rainfall in August and the usual rotations at intermediate regulators helped the cultivation to a very great extent. The canal was opened on the 8th June and ceased flowing on the 10th October. Flood water from the Khairpur State found its way into the Lundi Dhand below the 4th mile and caused heavy silting. A portion of this silt was scoured out in September and October, but a great deal remained and was removed in the working season at a cost of Rs. 33,000. In 1916-17 the bed of the Dhand was cleared to 65 feet in width and to a level corresponding to 4 feet at Bukkur. In the present year it was cleared to correspond to 3 feet at Bukkur, the same bed width being maintained, but side groynes were constructed throughout, canalizing the irregular section of the Dhand and reducing the width to 105 feet upto the Mehrabwah head and 90 feet below it. These groynes, it is expected, will reduce silting in the bed, and if this expectation is realized a great source of present trouble and expense will be diminished if not removed.

89. The cultivation during the year on this canal was about 96,244 acres against 101,480 in the last year and 90,699 acres, the average of the previous three years. The low river at the beginning of the inundation had a bad effect on the cultivation of cotton which requires early water. There was consequently less cotton sown than usual though there was an increase under bajri which was sown in August when water was in abundance.

90. The total expenditure on the excavation of karias and kasis upto the end of the year on the canal amounted to Rs. 2,88,860, against which Rs. 3,08,317 have been recovered from

the zamindars. The latter amount includes Rs. 3,637 recovered during the year under report. An allotment of 1,110 acres was made on this canal during the year.

Dad Canal.

91. The Dad Canal was opened on the 3rd of June and ceased flowing on the 18th of December. The supply was deficient at the beginning and necessitated very careful rotations at all regulators, but it was in excess after the 10th August when heavy rain fell. This rainfall caused an abnormal height of water above the head regulator and also river spill against the banks of the Dad feeder and the Herbertwah branch. Further owing to such exceptionally heavy rain at a time when the river was at its height the floods at the tail of the Dad were worse than in former years. In spite of several cuts in the right bank of the Feeder, the gauge reading rose to 16·7 upstream and 10·0 downstream of the head regulator and water below the 50th mile became uncontrollable. Rain and canal water collected in the low lying triangle formed by the Dad, the Yarowah and the Jamrao and the water found its way into the compound of the Inspection Bungalow at Khadro damaging the bungalow and almost destroying the garden. A project is nearing completion for the proper control of the water in the last 36 miles of this canal. Although there was no silt clearance in the Dad feeder, heavy repairs were carried out to banks which were damaged by rain and wave wash.

92. The cultivation during the year was 103,246 acres against 125,169 acres in last year and 109,567 acres, the average of the previous three years.

93. The total expenditure on the construction of karias and kasis to the end of the year under report amounted to Rs. 1,32,574, against which Rs. 1,37,320 have been recovered from the zamindars. The latter amount includes Rs. 1,404 recovered from colonists during the year.

94. New land to the extent of 392 acres was allotted during the year.

95. The Ren Distributary is fed by the Dad Canal. Owing to the low river at the beginning, the distributary received its supply by rotation, the necessity for which, however, ceased in August with the plentiful supply in the Dad Canal and the heavy rainfall that then occurred. The total expenditure on this project to end of year under report was Rs. 2,18,336.

96. New land to the extent of 1,933 acres was allotted on this canal.

Fuleli Canal.

97. The Fuleli Canal worked exceptionally well during the year and owing to a high river, the supply was maintained till late in October. The copious rainfall was beneficial to crops on high land but submerged those on low lying lands. The canal was closed at Alipur to carry out extensive repairs to the boat span of the regulator which had been damaged and in order to construct a new road bridge across the canal at Talhar.

98. The dhand supplying the *old* Fuleli having silted at the upstream mouth, a cut was made direct from the river to supply the canal. This gave an excellent supply and there is every possibility of the canal eventually giving a perennial supply.

99. The Shadi Distributary ex-mile 71/5 of the Fuleli, completed during the year, gave a very good supply to the lands settled on it and also relieved the Shadiwah Large of some 2,700 acres of cultivation.

100. The area cultivated during the year was about 411,500 acres against 444,821 acres in the last year and 420,055 acres, the average of the previous three years.

101. The capital expenditure on this canal during the year under report was Rs. 25,675 and was incurred on the new mouth to the Dokiawah above Alipur Regulator.

Hasanali Canal.

102. The main Hasanali Canal and its branches worked satisfactorily. The area under cultivation was about 18,500 acres against 20,023 acres cultivated in the last year and 18,732 acres, the average of the previous three years.

Canals in the Hyderabad Canals District.

103. All the canals in this district worked satisfactorily. Water in the Great Marak Canal was almost uncontrollable, due to there being practically no draw off for irrigation on account of abnormal rainfall during August and for want of a regulator at its head. There were several breaches which caused damage to cultivation. The construction of a head regulator is in progress and will be completed before the inundation of 1919.

104. The cultivation this year in the whole of the Hyderabad Canals District will be about 272,490 acres against 294,879 acres in the last year and 283,162 acres, the average of the previous three years.

(ii) Works for which only Revenue Accounts are kept.

105. The principal canals under this head are the Naulakhi, Mehrab and Dhambro in the Nasrat Canals District and Ren, Gharo Mahmudo, Kari Shumali and Nasir in the Hyderabad Canals District. All the canals under this head in both the districts obtained on the whole a good supply.

106. The new head given to the Naulakhi Canal in 1917 was opened on the 4th June and gave an improved supply. As the river rose the discharge became excessive and as the canal is without a regulator several breaches occurred though escapes were opened to reduce the height of water. The high level of the river in October kept the canal flowing throughout this month and the bed of the 1917 Cut scoured down from a level corresponding to 3 feet at Bukkur to 1·5 feet. The old head of 1915 was not opened during the year. It has proved most advantageous to have two heads to this canal and in the

inundation season of 1918 either the 1917 head or the 1915 head, whichever is found most suitable, can be utilised. It is very necessary to provide a Head Regulator at any rate to this canal and the matter is in hand.

107. The new head of 1916 to Mehrabwah was used during the inundation and worked satisfactorily. This canal possesses no Head Regulator and here again one is needed and the project is in hand.

4.—PROTECTIVE EMBANKMENTS.

108. The maximum gauge reading at Bukkur this year was 15·8 feet as compared with 13·6 feet last year. The water level against the Kashmor bund varied from 0·4 foot to 1·0 foot higher than last year in the first section and from 0·5 foot to 1·8 feet higher up and generally was only about 6" lower than in 1914 (maximum flood year) but 0·4 foot higher against Tori Bund.

109, Erosion was active between miles 3/6 and 4/1, the maximum of 3,685 feet being along the ordinate at 3/6. The front bund is still intact, but the river at the nearest point is only 966 feet away.

110. When the river suddenly rose in the beginning of August, the 1896 loop had to be wetted more quickly than usual with the result that 10 leaks occurred in one day and two, which were close together, developed into a breach which was closed immediately. The bund is quite incapable of withstanding any sudden rise of water against it and it may be necessary to trench the 1896 loop so that it can be artificially wetted. It also may require to be raised and strengthened next year.

111. Water first touched the bund at 10/5 of the Haibat loop in the early part of June. The Tori, Gouspur and the above bunds were, however, previously wetted by the trench system.

112. In the Shikarpur Canals the spill water stood against the whole Sukkur Begari bund, the maximum depth being 11·0 feet. There were, however, no breaches and only one leak in mile 2/2 which would have had very bad results had it not been promptly attended to. The new Bichanji loop was satisfactorily wetted by a gravity trench.

113. Kasimpur bund was breached in three places, but no attempt was made to close these as water was required for flooding high lands. It appears that this bund serves no very useful object now. The Naich bunds and other bunds, however, stood the floods well.

114. In the Ghar Canals District water first touched the Mitho Phulu bund in miles 30/4 and 33/2 on 7th August and at miles 20/1 and 21/1 of the Jhalli bund on the 8th idem and stood in the depressions against the latter bund till 6th October. The maximum depth of water against these two bunds was 7·4. The bunds were wetted as usual and are in good condition.

115. In the Western Nara District the extension of the bund to Sehwan was completed at a cost of Rs. 2,43,378. The water touched the bund in almost its entire length excepting miles 41 to 56 and the maximum depth of water was 11·7 feet against 10·3 feet last year. It was even greater than that of 1914 when Bukkur recorded a reading of 17·4 feet. The work of raising the bunds was therefore considered necessary and taken in hand.

116. There were seven breaches in the Nara bunds and those occurred at miles 95/2, 89/6, 93/1, 87/6, 67/5, 6/1 and 0/3 and of them only the last four were successfully closed, though with great difficulty. Two sluices, one in mile 67/5 and the other in mile 0/3, were washed away and a baulkshed in mile 93/1 was partially damaged as a result of the breaches in those places.

117. The water flowing through the breaches which were not closed damaged the kharif crops, but on the other hand admitted of a large area ultimately being brought under rabi.

118. The maximum depth of water against the Manjhand bund was 7·3 at mile 5/0. No leak or breach occurred, but the bund has since been eroded away.

119. In the Karachi Canals District the river bunds run alongiboth sides of the river for a length of 52 miles on the right bank and 94 miles on the left bank. On account of heavy rainfall in August and very high and protracted inundation in the latter half of the season, the whole bund line had to stand a very severe test. The free board along a considerable length of the Baghar Uchito bund was inadequate. This and all other bunds in the district had consequently to be raised in places. The bunds, however, stood well on the whole.

120. Two simultaneous leaks alongside the sluice in mile 20/5 of the Baghar Uchito bund developed into a breach. Owing to the rising river and widening of the breach it was not closed and the damage to kharif cultivation in the tract crossed by the spill in Ghorabari and Mirpur Sakro talukas was very considerable. A mangli has this year been constructed round the breach.

121. There are six short bunds in the Nasrat Canals District all of which had the river water against them during the inundation.

122. The Naulakhi Nasrat bund which was partially eroded in 1916 was not repaired. The land behind it is high and the zamindars are anxious to have it flooded. As only about two feet of water is likely to overtop the land behind the bund, the banks of two old karias were strengthened to act as a bund in case of necessity.

123. A proposal to construct a spur bund from the Dad to the edge of the river is being investigated. This would prevent the spill water which enters the Upper Dad sub-division from flowing south into the Lower Dad sub-division and the Hyderabad Canals District.

124. The Ren bund in the Hyderabad Canals District stood well during the year under report. There was water against it practically throughout its length, the maximum depth being 5·5 feet.

125. All the bunds in the Fuleli Canals District were subjected to high water levels, but with the exception of two leaks in the Hajipur bund there was no trouble. The new bund from the Dhadko to the Mulchand wah estimated to cost Rs. 19,801 was in progress and an expenditure of Rs. 10,983 was incurred on it during the year. Sluices were also constructed over karias passing through the bund.

126. The 1st mile loop of 1900 and the 11th mile loop of 1910 were wetted to heights equivalent to 21·3′ and 20·0′ on the Kotri gauge, respectively, and both loops can be considered quite safe with ordinary precautions.

5.—INDUS RIVER COMMISSION.

127. The expenditure on works and surveys was charged to "43-Irrigation Minor Works and Navigation—Agricultural Works—Works for which neither Capital nor Revenue Accounts are kept". Indus River Commission Works and their classification.

128. The usual topographical surveys, aggregating 2,555 miles in length, of the Indus, dhands, bunds, &c., were carried out. The Indus from Rojhan in the Punjab to the point of its bifurcation, 528 miles, the Haideri river, 36 miles, and the Uchito, 65 miles, were also surveyed and plotted. Surveys of the Indus.

129. The Khairpur boundary rails were inspected as usual. The work of demarcating the boundaries between Sind and Bahawalpur State was taken in hand during the year and will be finished next year. Khairpur Boundary rails and Bahawalpur State boundary demarcation.

130. Gauge readings of the river were taken daily at 11 stations, twice a week at 4 stations and weekly at 9 stations. River Gauges.

131. Discharge observations were continued at Sukkur and Kotri, and observations of all kinds were also made as usual. The results will be published in the Indus River Records. The discharge at Sukkur during the inundation and the minimum discharge of the year, compared with the results of previous years, are as follows:— Scientific work and discharges of the Indus.

—	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.
	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.
June	8,432,000	7,401,000	8,925,000	8,038,000	7,233,000
July	10,586,000	21,453,000	10,756,000	13,044,000	8,603,000
August	13,377,000	18,359,000	11,834,000	18,227,000	18,941,000
September	7,670,000	13,863,000	7,083,000	7,972,000	12,985,000
Total ...	40,065,000	61,076,000	38,598,000	47,281,000	47,762,000
Average discharge .. ..Cusecs...	328,402	500,623	316,377	387,549	391,492
Maximum discharge ... ...Cusecs...	621,156	948,728	430,445	735,348	740,279
Minimum discharge, June to September ... ...Cusecs...	108,513	176,894	134,888	73,287	126,049
Minimum discharge observed throughout the year ... ...Cusecs...	23,719	40,664	25,546	17,568	28,083

Note.—These totals and their constituent figures are the sums of the daily observations of the Indus in cusecs. To arrive at its total discharge during the period concerned, the figures given in the table must be multiplied by 86,400 (the number of seconds in a day).

132. The discharge observations of the Indus at Mithankot above and below its junction with the Chenab were continued. The minimum discharge was 20,100 and 29,697 cusecs, respectively, at the two sites.

Extensions and Improvements and Special Repairs.

133. The estimated cost of the works under these heads sanctioned or approved during 1917-18 by the Indus River Commission for execution by the Executive Engineers and by the Commission is given below :—

District.	Extensions and Improvements.	Special Repairs.	Total.
A.—Indus Right Bank Division.	Rs.	Rs.	Rs.
Begari Canals	55	.....	55
Shikarpur Canals	164	1,93,764	1,93,928
Ghar Canals	1,464	.....	1,464
Western Nara	1,55,699	.....	1,55,699
Karachi Canals	96,791	778	97,569
Total ...	2,54,173	1,94,542	4,48,715
B.—Indus Left Bank Division.			
Fuleli Canals	.....	225	225
C.—Indus River Commission.			
Works under the direct control of the Indus River Commission	42,196	.....	42,196
Grand Total ...	2,96,369	1,94,767	4,91,136

Maintenance and Repairs.

134. The total expenditure under this head on the several works under the direct control of the Indus River Commission was Rs. 12,507, of which Rs. 2,420 were spent on river gauge establishment at Sukkur, Kotri, Jerruck and the Indus Delta.

Total Expenditure.

135. The total expenditure incurred and accounted for by the Indus River Commission was :—

	Rs.
Works	22,827
Repairs	12,507
Establishment	80,901
Tools and Plant	8,197
Total ...	1,24,432

Snagging operations.

136. Snagging and clearance work with dredger has been discontinued owing to war. The dredger "Mudlark" is now being used in the Tigris where it has proved most useful.

Erosion.

137. Heavy erosion occurred at mile 3/6 of Kashmor Bund and at mile 10/2, 28/2 to 30/2 of the Sukkur Begari Bund, and 4/3 of Manjhand Bund, the maximum rate of erosion being 740, 820, 940 and 305 feet per week, respectively.

Sukkur Barrage.

138. Some surveys in connection with "New Head to the Nara Supply Channel" and the Right Bank Canal were executed under the supervision of Mr. Nazareth. The Sukkur Barrage District is now in charge of Mr. Musto, who is preparing plans and estimates and will continue the survey work next season which Mr. Nazareth had not completed.

6.—MISCELLANEOUS.

Plantations.

139. The existing plantations on canals and bunds in the Left Bank Division were well cared for. New trees were planted in all the districts along various canals and bunds and they are generally doing well.

Irrigation of cotton.

140. No Egyptian cotton was grown in this division during the year.

141. The following table shows certain details regarding the watering of indigenous cotton crops :—

District.	Lift lands.		Flow lands.		Date of last watering varied from to
	Number of waterings.	Intervals between.	Number of waterings.	Intervals between.	
Nasrat Canals ...	.....	.....	7 to 10	7 to 20 days.	5th September to 11th October.
Hyderabad Canals ...	5 to 8	.....	.....	.....	22nd September to 20th October.
Fuleli Canals ...	5 to 8	6 to 29 days.	.....	.....	3rd September to 12th October.
Eastern Nara ...	.....	.....	2 to 6	.....	24th July to 30th September.
Northern District Jamrao Canal.	7 (average).	.....	7 (average).	.....	3rd November and 9th February.
Southern District Jamrao Canal.	5 to 7 (average).	.....	5 to 7 (average).	.....	5th January and 16th February.

III.—Deccan and Gujarat.

1.—NORTHERN DIVISION.

142. No relief was required. The rainfall was prolonged and generally much above the average. The demand for irrigation was consequently small. General remarks.

(i) First Class Irrigation Works.

143. The rainfall gauged at Ahmedabad and Prantij during 1917-18 was 49·53 and 47·23 inches, against an average of 29·58 and 30·78 inches respectively for the last 30 years, including the year under report. The monsoon broke early, *i.e.*, in the beginning of May, and lasted up till October. The rainfall was light and irregular in the months of May and June, but it was plentiful and continuous in the latter part of the monsoon. The Hathmati Canal and the Khari System.

144. The river Hathmati was frequently in flood during the months of August, September and October 1917. There was a moderate flood in the river on the 29th August and on the 9th and the 18th September, when the water level rose to 1·20, 2·30 and 2·10 feet, respectively, over the weir crest. The canal continued to flow from 12th July 1917 to the end of the year. Although the rainfall was very irregular in the beginning of the monsoon, much care was taken to protect rice seedlings which, with the later rains, enabled about 1,100 acres of rice crops to be successfully matured. The rabi crop saved the situation for poor cultivators as with careful distribution almost all the area irrigable was protected, and thereby a general calamity was averted in the tract commanded by the Hathmati Canal. The run off in the khari due to small rainfall on its catchment was very little upto the end of August. The water, however, was utilized partly in filling the Chandola tank and partly, up to end of July, in saving seedlings. The water stored in Chandola tank was used in transplantation of rice in Danilimda and surrounding villages. The Bokh Reservoir was filled two-thirds and the water was kept in reserve to save crops sown in the Kalambandi villages and early sown rice in other villages of Daskroi Taluka. The distribution of water in the Kalambandi villages by the Khari Cut system was commenced from the 27th August. By the end of August there were good rains and there was sufficient supply everywhere. The Khari Cut Canal was, however, kept running, and water was distributed almost in all areas in which rice was transplanted, so that the people should not have cause for complaint of deficiency if rain failed later. But as there was good rain in October, the last watering was not required in some of the areas. All the tanks in the tract were nearly full at the end of the season, and the water thereof was utilised for rabi and hot weather jowari crops.

145. The area irrigated and the gross assessed revenue as compared with the average for the triennium ending 1916-17 are given as under :—

	1917-18.		Average of the previous three years.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Hathmati Canal	5,644	14,020	2,622	7,931
Khari Cut Canal	10,470	71,110	7,161	48,035

146. The area irrigated and the gross assessment on the Wangroli, Tranza-Nagrama, Savli and Saiat tanks as compared with the average of the triennium ending 1916-17 are shown below :— Tanks in Kaira.

Name of tank.	1917-18.		Average of the previous three years.	
	Area irrigated.	Gross assessed revenue.	Area irrigated.	Gross assessed revenue.
	Acres.	Rs.	Acres.	Rs.
Wangroli	283	1,576	720	2,713
Tranza-Nagrama	30	366	...	264
Savli	120	676	916	3,390
Saiat	148	896	303	1,614

The Wangroli, Savli and Saiat tanks were full, and the Tranza-Nagrama tank filled partially. Due to favourable rainfall, irrigation was not much resorted to, kharif irrigation being almost nil. The water was, however, used in irrigating rabi and hot weather crops of wheat, gram and jowari. All these tanks were maintained in good condition at a cost of Rs. 11,328. The construction of the Bhalada high level canal from the Wangroli

tank was completed at a total cost of Rs. 4,612, the expenditure incurred during the year being Rs. 1,038.

Futelao tank.

147. When the water rose to R. L. 105·75, *i.e.*, 0·75 feet above the sill level of the regulators in the waste channel, though it was still 1·25 feet below the F. S. L., slips began to occur in the dam on account of wave action against its south-east corner, and cracks appeared; the outlets were consequently opened and the water level reduced to R. L. 102·00, above which it was not allowed to rise afterwards in the season. The work of bringing up the slopes to 2 to 1, where deficient, and of providing dry and low pitching to the inner slope is in hand. On account of good rainfall in the season, the people did not take water for irrigation, which was, therefore, less than in the previous year, the area irrigated being 45 acres against 89 acres and the revenue Rs. 90 against Rs. 268. A portion of the bed of the tank was given out for cultivation.

(ii) Second Class Irrigation Works and Agricultural Works.

Khari sluices.

148. In the beginning of July, though good rain fell in Daskroi and the Kalambandi villages, there was a dearth of seedlings and many people sowed cotton. Only in a few southern villages of Daskroi, where seedlings were available, could transplantation be made in July and August. In September, when fortunately good rain recommenced and the khari brought down a sufficient supply, those that had not already grown cotton transplanted rice. The heavy rain of October amounting to 7″ or 8″, however, damaged the early sown rice to some extent, and the frequent floods in the khari damaged the crops in low kiari lands. The superior rice again did not give a good outturn, due to the late transplantation and excess of rain.

Muvalia tank.

149. The rainfall gauged at Muvalia was 38·68″. The tank was full; but due to the good rainfall the demand for irrigation was small, the area irrigated being 478 acres and the revenue therefrom Rs. 1,532. The tank and the canals were maintained in good condition at a cost of Rs. 2,967 and the total revenue was Rs. 1,875. The Left Bank Canal requires to be widened to allow of a greater discharge in the rabi season. A regulator has been provided across the canal at its crossing with the station road for filling the Dohad Gam Tank from its own catchment as well as from the Muvalia tank.

Old tanks.

150. Improvements to 84 and repairs to 58 small irrigation tanks in the Gujarat Irrigation District, and repairs to 3 tanks in the Surat and Broach District, were executed at a total cost of Rs. 75,859 and Rs. 14,757 respectively. In the Gujarat Irrigation District three talukdari tanks were also repaired during the year.

Drainage channels.

151. The drainage channels in the Surat and Broach and Gujarat Irrigation Districts were maintained and the reclamation works in the former were repaired.

Works in progress.

152. The following important works were in progress during the year :—

(1) The Timba tank at Harsol, Taluka Prantij, Ahmedabad District.

(2) The Mateval tank at Salun and Nanadra villages of Thasra, Kaira Collectorate.

(3) The Fudsar tank at Lasundra, Taluka Kapadvanj, Kaira Collectorate.

2.—CENTRAL DIVISION.

153. In the Central Division there are few irrigation works of importance. The area irrigated on First Class Irrigation Works was 11,529 acres and the gross assessed revenue Rs. 1,72,124 as against 12,724 acres and Rs. 1,47,290, the averages of the previous triennium.

154. The year under report was favoured with more or less continuous and timely rainfall throughout the Central Division and consequently there was a less demand for canal water on the whole.

(i) First Class Irrigation Works.

Ekruk tank.

155. In connection with the water-supply to the town of Sholapur, the laying of 15″ and 12″ gravitation mains from the tank to the municipal pumping house was completed and water was issued, for the first time, to all parts of the town through the mains during the year. On this tank the lease system (rabi leases) has been in vogue for some time now. It has become very popular among the irrigators who have recognised its advantage and take to it very freely. There was a large increase in revenue mainly due to increased consumption of water for non-irrigational purposes. The Agricultural Department has been experimenting on new methods of planting sugarcane on the Ekruk canal, similar to those tried at the Manjri Farm, under the supervision of their officers. Thirty acres were allowed to be planted with sugarcane for these experiments on payment of the usual water rate by the owners who offered to try the new methods.

Jamda Canals.

156. These canals form an important irrigation system in the East Khandesh District. Their supply is not, however, assured for want of a storage tank. Though at present the river discharge is supplemented by a supply from the Chankapur tank in the Nasik District, yet this source of supply cannot always be depended on, as the tank has to provide water for a large area directly dependent on it. An important work, costing about Rs. 6,000, carried out in connection with these canals, was the raising of the crest of the weir of the Jamda bandhara to one uniform level. This raising has had the immediate effect, as was anticipated, of increasing the discharge let into both the canals

from the river, but the invaluable advantage of this improvement can only be seen in years of scanty rainfall when a minimum increase of 2,000 acres of rabi cultivation can be ensured. It is needless to say what economic value this increase will have, both as regards outturn and increased return to the irrigators.

157. The eight months rabi block system, recently introduced on these canals, is not yet received favourably by a large majority of irrigators. The area under the system increased from 69 to 262 acres, against a minimum block area of 1,000 acres, which is fixed after making due allowances for agricultural, geographical and other difficulties. Khandesh gets the benefit of both the N. E. and S. W. monsoons and as both were favourable last year the agriculturists did not feel the want of canal water.

(ii) Second Class Irrigation Works.

158. The total expenditure on extensions and improvements and maintenance and repairs to the bandharas situated in the East and West Khandesh Districts was Rs. 8,333. The area irrigated and the gross revenue assessed were 9,466 acres and 77,413 rupees, respectively. There were no important works executed except the usual type of repairs or improvements to bandharas, constructing new masonry cross drainage works, or restoring fallen ones, etc.

3.—DECCAN IRRIGATION DIVISION.

(1) First Class Irrigation Works.

(*a*) *Works in existence.*

Protective Works.

159. The largest irrigation work in operation in the Deccan is the Nira Left Bank Canal, which is situated in the Poona District. Nira Left Bank Canal and Shetphal Tank.

160. During the year under review an area of 34,451 acres was irrigated under this canal. This figure is much below the average, the decrease being mainly due to good and seasonable rainfall and consequent low demand for canal water for monsoon and rabi crops. The gross revenue from all sources was Rs. 4,50,074.

161. The total area irrigated under the Mhasvad Tank was 6,034 acres and the gross revenue realised from all sources Rs. 35,767. The area irrigated is slightly lower than the average area, the fall being due to seasonable rainfall. Mhasvad Tank.

162. The Godavari Canals works consist of— Godavari Canals.

(1) Lake Beale Storage,

(2) Pick-up Weir at Nandur-Madhmeshwar,

(3) Godavari Right and Left Bank Canals.

During the year the greater part of the last 10 miles of the Right Bank Canal was completed. On the Left Bank Canal distributary construction was brought practically to a close and the full length of the canal was in operation. The work remaining to be done on the Right Bank Canal consists of the finishing off of distributary construction and on the Left Bank Canal a few minor channels remain to be completed.

163. The total expenditure incurred on this project during the year was as under:—

	Rs.
(1) Lake Beale Dam	1,571
(2) Godavari Right Bank Canal	26,925
(3) Godavari Left Bank Canal	832
	29,328

164. *Godavari Right Bank Canal.*—The total area irrigated under this canal during the year under report was 14,931 acres and the revenue realised from all sources Rs. 1,91,828.

165. *Godavari Left Bank Canal.*—The total area irrigated under this canal was 6,799 acres and the revenue realised from all sources Rs. 97,710.

166. The increase in areas irrigated under these two canals is due to the extension of irrigation, especially sugarcane.

167. On this new irrigation system, the cultivators have now become familiar with the rules regarding the various kinds of irrigation and a speedy increase of irrigation is expected during the next few years.

Productive Works.

168. The total area irrigated under this system was 13,801 acres yielding a gross revenue from all sources of Rs. 4,56,503 which includes Rs. 2,03,308 realised from the Poona water-supply. Mutha Canals and Matoba Tank.

169. The installation of the Paterson Filter Plant was finally completed during the year and the plant is working quite satisfactorily. The total cost of this work is Rs. 1,75,032.

(b) Works under construction.

Pravara Canals.

170. The Pravara Canals Irrigation Project comprises—

(1) Lake Arthur Hill Storage.*
(2) Pick-up Weir at Ojhar.*
(3) The Pravara Right and Left Bank Canals.

171. The total expenditure incurred during the year on this scheme was as under :—

	Rs.
(1) Lake Arthur Hill Storage	3,73,458
(2) Pravara Right Bank Canal	36,459
(3) Pravara Left Bank Canal	2,06,428
	6,16,345

172. The quantity of masonry work done in the dam during the year was about 7 lakhs cubic feet, the total quantity up to 31st March 1918 being 62½ lakhs cubic feet or about 47 per cent. of the estimated quantity of masonry in the dam. It will take about four or five years more to complete the dam. Besides this, the excavation for the waste weir and the flood embankment on the low saddle on the right bank of the Pravara river was in progress.

173. The central portion of the dam has been raised from R. L. 2,289 to R. L. 2,307. The right bank flank from R. L. 2,289 to R. L. 2,317 for a length of 170 feet, except for a small gap on the down stream, which remained at a lower level. The left bank flank was raised from R. L. 2,289 to R. L. 2,307 on the upstream side and to R. L. 2,317 on the down stream side for about half the width of the dam and for a length of 150 feet, joining the side cliff. The flanks have been further raised another 5 feet for a width of 10 feet on the up-stream for the right bank and on the down-stream for the left bank flank, to bring them to a level 15 feet above the central portion and thereby remove all risk of any flood water passing over the dam, except through the gap intended for it.

174. The caging and ashlar work of the second sluice was completed and the pillars of both the sluices raised to R. L. 2,322.

175. The expenditure during the year on the masonry dam and other works was Rs. 3,73,458, the total expenditure on works only up to 31st March 1918 being 29¾ lakhs rupees. The estimated cost of the dam for works only is Rs. 54,91,730.

176. During the year under report, a crack was noticed in the rock in the foundations of the Lake Arthur Hill Dam on the right bank. After inspection due precautions were taken and the crack opened up and thoroughly grouted in cement. The crack was inspected by a Geologist from the Government of India in April 1918 in whose opinion the steps taken are efficient and satisfactory.

177. All the earth-work and masonry works on the Right Bank Canal having been completed in the previous year, construction during the year under report was confined to the distribution channels in the tail and Rahuri blocks. The tail channel and the main Rahuri distributary were practically completed in all respects. The total area irrigated under this canal was 3,631 acres and the revenue realised from all sources was Rs. 15,520. The increase in the area was due to want of timely rains and consequent demand for canal water for both kharif and rabi crops.

178. On the Left Bank Canal construction work on the main canal was vigorously pushed on and almost all the earth-work was completed. Most of the minor masonry works on the main canal having been completed during the previous year, the bigger works* were taken in hand during the year under report. The progress made during the year on the construction of the distribution channels under this canal was fair. All the main distributaries and water-courses in the first three blocks were completed and a good deal of work was done in blocks 4 to 8. The total area irrigated under this canal was 1,809 acres, and the revenue realised from all sources was Rs. 5,871. The canal was temporarily closed for the work of widening and extension. Water had, however, to be let into the canal for a length of 30 miles on account of unfavourable rainfall during the kharif and rabi seasons.

179. The work now remaining to be done on the Pravara System consists mainly of distributaries which will be completed by the end of 1920.

Girna River Works.

180. The river supply was sufficient for the requirements of the Girna Canal up to 10th January 1918, when water was supplied from the Chankapur Tank. The tank water actually not required for the Girna Left Bank Canal was let down to supplement the supply to the Jamda Canals in the East Khandesh District, at the request of the Executive Engineer of that district.

181. *Girna Left Bank Canal.*—The total area irrigated under this canal was 3,473 acres and the revenue realised from all sources was Rs. 17,839. The increase in the area is mainly due to want of timely rainfall during both the seasons. The extension of the canal was in progress and the outlay incurred on it during the year was Rs. 11,877.

* See photograph.

182. The project comprises the following works:— Nira Right Bank Canal.

1. Building a new dam at Bhatghar.
2. Constructing a canal on the right bank from Vir up to Piliv for a length of about 88 miles.

183. *Bhatghar Dam.*—The excavation for the foundation of the new dam and the waste weir was in progress and has been completed except in a total length of about 1,350 out of 4,400 feet. The total quantity of masonry laid during the year was 1·57 million cubic feet, which is considered to be fair progress considering the difficulties met with, *viz.*, continuous and very late rains till the end of November 1917, which filled up the quarries and prevented carriage and burning of lime, and the appearance of plague on the works. The total quantity of the work carried out up to end of March 1918 was about 38 lakhs of cubic feet or about 19 per cent. of the total estimated masonry in the dam. The dam will probably be completed in the year 1928.

184. The construction of the Gunjawani bridge was started in February 1917 and the masonry of all the piers and abutments was completed during the year. The arch work, approach roads, etc., are in progress.

185. The expenditure on the masonry in the dam and other works during the year was Rs. 6,34,152, the total outlay on works only upto 31st March 1918 being 35·5 lakhs or about 35 per cent. of the estimated cost as per revised project now prepared by the Executive Engineer, Lake Whiting District.

186. In almost all miles excavation work is practically completed except in 3 miles where the cutting is very deep and in very hard rock.

187. The embankment work in about 85 miles is very nearly completed except the nala gaps left for masonry works which will be filled up as soon as the masonry works are completed.

188. Eighteen culverts and 4 road-bridges have already been completed and 16 aqueducts,* 40 culverts and 18 road bridges are under construction out of the total number, *viz.*, 20 aqueducts, 88 culverts and 38 road-bridges. The masonry works under D-Regulators are not yet taken in hand. A number of permanent buildings have already been constructed and a few are under construction.

189. The expenditure during the year on the works, which were in progress, was Rs. 6,71,105, the total expenditure upto 31st March 1918 being 66½ lakhs or about 46 per cent. of the estimated cost for works only as per revised project now under preparation.

190. During the year under report an Executive Engineer was placed by Government on Special Duty under the Deccan Irrigation Division, for carrying out certain investigations, surveys, etc., as detailed below :—

(*a*) The preliminary investigations and preparation of the detailed plans and estimates for a storage on the Nira River at Natambi or at some other place further down stream between Natambi and Bhor. The investigation of the possibility of constructing a reservoir on the Gunjawani.

(*b*) The preparation of the projects for the extension of the Nira Right Bank Canal from mile 89 to 109 and remodelling the Nira Left Bank Canal from mile 0 to 101.

and

(*c*) The preparation of a report as to the general policy that will be followed in the future in regard to the irrigation development of the Nira Valley as a whole and particularly of the part beyond miles 89 and 42 of the Right and Left Bank Canals respectively.

191. *Work done during the year.*—The Special Duty District was opened in December 1917. After a thorough investigation of the Nira Valley between Natambi and Bhor it was found that the site chosen at Natambi in 1902 was the best obtainable.

192. In 1902 several trial pits were taken and several deep bores made with a percussive drill on the dam line at this site. In finally investigating this site trial bores were taken by means of a Calyx Drill, so that the information gained might be quite reliable.

193. In the Gunjawani valley it was found after a careful examination that a better site than that selected in 1902 was not available for a Storage Reservoir. As the cost of a dam at this site would be prohibitive it was considered inadvisable to proceed further in the matter.

194. The estimates for the extension work on the Nira Right Bank Canal and for the work of remodelling the Nira Left Bank Canal were taken in hand and are well advanced.

(ii) Second Class Irrigation Works.

195. The outlay on repairs, extensions and improvements to the bandharas and small village channels during the year was Rs. 24,452 as against Rs. 28,328 for the previous year.

* See photograph.

4.—SOUTHERN DIVISION.

(i) First Class Irrigation Works.

196. The first class works in the Southern Division irrigated over 27,000 acres and earned a gross assessed revenue of about Rs. 1,74,000. This shows an increase of 3·4 per cent. in the area irrigated and of 12 per cent. in revenue when compared with the averages of the previous three years and is due to more demand for water on account of unseasonable rainfall during the year and also to the increase in the perennial irrigation.

Krishna Canal.

197. The Krishna Canal is the only major work in this division. It is 36 miles long and takes off from the left bank of the Krishna river from a weir built near the village of Khodsi, Taluka Karad, Satara District.

198. The improvements to the weir sanctioned in 1916 with a view to increase its capacity of storage have been postponed owing to the abnormal increase in the price of iron, etc., required for the work. The expenditure already incurred on this work amounts to Rs. 59,100 against the estimated cost of Rs. 85,226.

199. During the year silt was removed from the first 10 miles of the Krishna Canal at a cost of Rs. 2,656. The work of repairing the damages caused by the heavy rain is in progress.

Gokak Canal.

200. The most important of the first class minor works in this division is the Gokak Canal. This irrigation system consists of a masonry weir across the Ghataprabha river at Dhupdal in the Belgaum District and a short length of canal taking off from the reservoir formed by the weir.

201. The weir crest (2,985 feet in length) was temporarily raised as usual 2 feet at a cost of Rs. 1,755 with a view to increase the storage of water for rabi irrigation and to meet the demands of the mills at Gokak. The additional storage of 256 millions cubic feet of water thus obtained was found to be very useful for rabi and perennial irrigation.

202. In the year under report the supply of water in the reservoir being sufficient for the authorised daily discharge, the mills at Gokak were supplied with water at the usual rate of 146 cusecs per day (of 13 hours) throughout the year, except on Sundays.

203. Arrangement was also made to supply the pumping engine of the Madras and Southern Maratha Railway Company with water, for which the company pays at the rate of one anna per engine watered subject to a minimum of Rs. 25 per month.

204. On the evening of 2nd June 1917, the water in the Dhupdal reservoir reached its lowest level standing at 17·56 feet above the sill of the sluices. The tank began to fill from 3rd June 1917 till it overflowed on the 23rd June and reached a maximum flood height on the 27th July 1917, when the water reached a level of 2·14 feet above the permanent crest of the weir.

Revari and Chikhli Canals.

205. The only two works taking off direct from rivers without storage are the Revari and Chikhli Canals in the Satara District irrigating about 1,000 acres. The Revari Canal is about 6 miles in length and takes off from above an ancient bandhara situated on the river Vasna in Koregaon taluka.

206. The Chikhli Canal is a small irrigation channel only 6½ miles in length, which has its origin from a weir built in the Nandni river in the Khanapur taluka.

207. The Revari Canal yielded in the year under report a gross revenue of Rs. 5,000 and the Chikhli Canal Rs. 2,600.

Dharma Canal.

208. The improvements to the Dharma Canal, consisting mainly of (1) providing a new head regulator to admit sufficient supply to the canal and to control floods, (2) providing escapes and aqueducts at suitable places in the first 10 miles of the canal, (3) putting the tail portion of the canal in good order and (4) constructing suitable cross drainage works, which were commenced in 1910, were in progress during the year. The total expenditure on these improvements to the end of the year under report was Rs. 90,762 against the estimated cost of Rs. 95,582 (direct charges).

Yerla River Irrigation Works.

209. Of the canals furnished with storage works, the three most important are in the Satara District. The first of them known as the Yerla River Irrigation Works consists of the Nehr tank having a canal 8¼ miles in length starting from the right bank of the river Yerla at the Nehr tank and two other canals, *viz.*, the Yerla Right Bank, 15½ miles in length, and the Yerla Left Bank, 8½ miles long, starting from a pick-up weir across the Yerla river at Khatgun.

210. The Yerla River Irrigation Works irrigated an area of 3,000 acres of land and yielded a gross revenue of Rs. 16,500.

Maini Tank.

211. The Maini tank is the second system. The Maini tank canal derives its water-supply from a large nalla that falls into the river Yerla in the southern portion of Khatao Taluka. The canal is 9½ miles in length and irrigates lands in both Khatao and Khanapur Talukas. It irrigated about 1,800 acres of land and yielded a gross revenue of Rs. 8,700.

Upper Man River Works.

212. The Upper Man River Works is the third system referred to and consists of a tank at Pingli which supplies the right bank canal, 4 miles in length, and also a distributary on the left side, *viz.*, the Dehewadi canal, 3½ miles in length. Both of these tail into the

Gondavla canal (7 miles in length) which has an independent origin at a weir across the Man river. Lower down the river the Lodhavada canal (3½ miles) has its source. This system irrigated an area of about 850 acres of land and yielded a gross revenue of Rs. 4,400.

213. The remaining works are all small tanks mostly in the Dharwar District irrigating from 50 to 600 acres each. Other works.

(ii) Second Class Irrigation Works.

214. Most of the Second Class Irrigation works are in the Dharwar District and on them depends the success of the important rice cultivation in the hills. During the year repairs to 59 tanks were carried out and the expenditure on them amounted to Rs. 41,000 against Rs. 42,000, the average of the previous three years. The total area irrigated by these works was 89,164 acres.

5.—SCIENTIFIC WORKS.

(a) Engineering Questions that have arisen.

215. Observations to ascertain the loss by evaporation and absorption were made by means of iron tanks placed in the Mukti Tank in the West Khandesh, the Mhaswa and Hartala Tanks in the East Khandesh, the Bhatodi Tank in the Ahmednagar, and the Ekruk, Ashti and Pathri Tanks in the Sholapur District. The results are being recorded and when sufficient data are collected they will furnish useful information for the preparation of projects for tanks to be constructed under similar conditions.

216. The experimental device for locking pipe outlets is still under trial on the Bhatodi Tank in the Ahmednagar District. It is found to be working satisfactorily but requires to be kept longer under observation to see if its use can be extended.

(b) Special Irrigation District.

217. During the year under report a small area of sugarcane, fodder and vegetables was irrigated near the Septic Tanks with the effluent, water from the Mutha Right Bank Canal being pumped for sugarcane only. Septic Tanks, Hadapsar, Poona.

218. The total area thus irrigated was 60 acres and the expenditure on pumping canal water was Rs. 1,324, the total assessment (Kharif and Rabi) being Rs. 5,049. The cost of canal water pumped was Rs. 1,058.

219. The work of remodelling Distributary No. 5 of the Mutha Right Bank Canal was commenced during the year and is in progress, the expenditure incurred on the work being Rs. 2,963. Remodelling Distributary No. 5. Mutha Right Bank Canal.

220. An experimental farm on Distributary No. 5 was started during the year and some 8 acres of cane have been planted. The expenditure incurred on starting and maintaining the farm was Rs. 895. Experimental farm.

221. Owing to serious leaks in the cast iron pipes laid from the septic tanks to the distributary the supply of effluent was very uncertain and it was therefore decided not to give effluent to the crops under this distributary.

222. *Contouring.*—The area in 3 villages commanded by the Nira Left Bank Canal between Haturna and Vadapuri nalas was contoured during the year. Nira Left Bank Canal.

223. *Nala Surveys.*—In order to study the sub-soil conditions, sub-soil and nala surveys were begun and detailed preliminary surveys were carried out in 6 villages.

224. The greatest advance made this year has been the introduction of an indirect method of measuring the permeability of sub-soils. This is done by observing the recuperation co-efficients of bore holes. The drains as laid out follow the line of high co-efficients. So far as is known this method of tackling the problem has never been tried before. It is yet too soon to say that it is a complete success but as it largely eliminates questions of types of soil and physical state it greatly simplifies work.

225. Recuperation tests not only indicate the best line but also the best depths at which to locate drains.

226. *Nala clearance in salt affected land.*—The experimental work of reclaiming the salt affected area near Baramati was continued during the year. This consisted of extending the existing trenches and excavating new ones to drain off the sub-soil water and flooding certain areas to wash out salts.

227. The effect of flooding the land is not definitely known as the analyses of the soil have not yet been received, but there seems to be a marked improvement in the land as crops have been planted in the areas in question.

228. The area outside the experimental area which has been improved is over 50 acres. It will take couple of years before the physical texture is improved and full improvement will not be attained for several years. This is because the land has been steadily deteriorating for over 20 years.

229. Surface classification of about 14,500 acres in 16 villages of the Godavari Right Bank Canal was carried out during the year and sub-soil classification is in progress. Godavari Canals.

(c) River Gauging.

230. The gauging of the 39 rivers, inclusive of the six new gauges transferred to the Deccan Irrigation Division in 1916, was continued during the year under report.

231. A training class was held as usual in Poona, where practical instructions were given to the old and new gauge karkuns before they commenced the annual gauging operations on their respective gauges. This combined with the frequent surprise visits, the systematic and timely inspections of and repairs to the gauges, etc., gave fairly satisfactory results, for publication in the "Annual Report of the supplies of water available for Irrigation Works, etc."

232. In the tabulation of the observed discharges for the year instead of the constant 0·85 invariably in use in previous years, suitable co-efficients for different water levels, as given on page 56 of Higham's Tables were used.

233. During the year under review, silt experiments were made during floods, to ascertain the percentage of silt contained in the water of some of the rivers in the Deccan Irrigation Division.

234. The several rain-gauges in the Belgaum and Satara Districts were maintained during the year by the respective Executive Engineers.

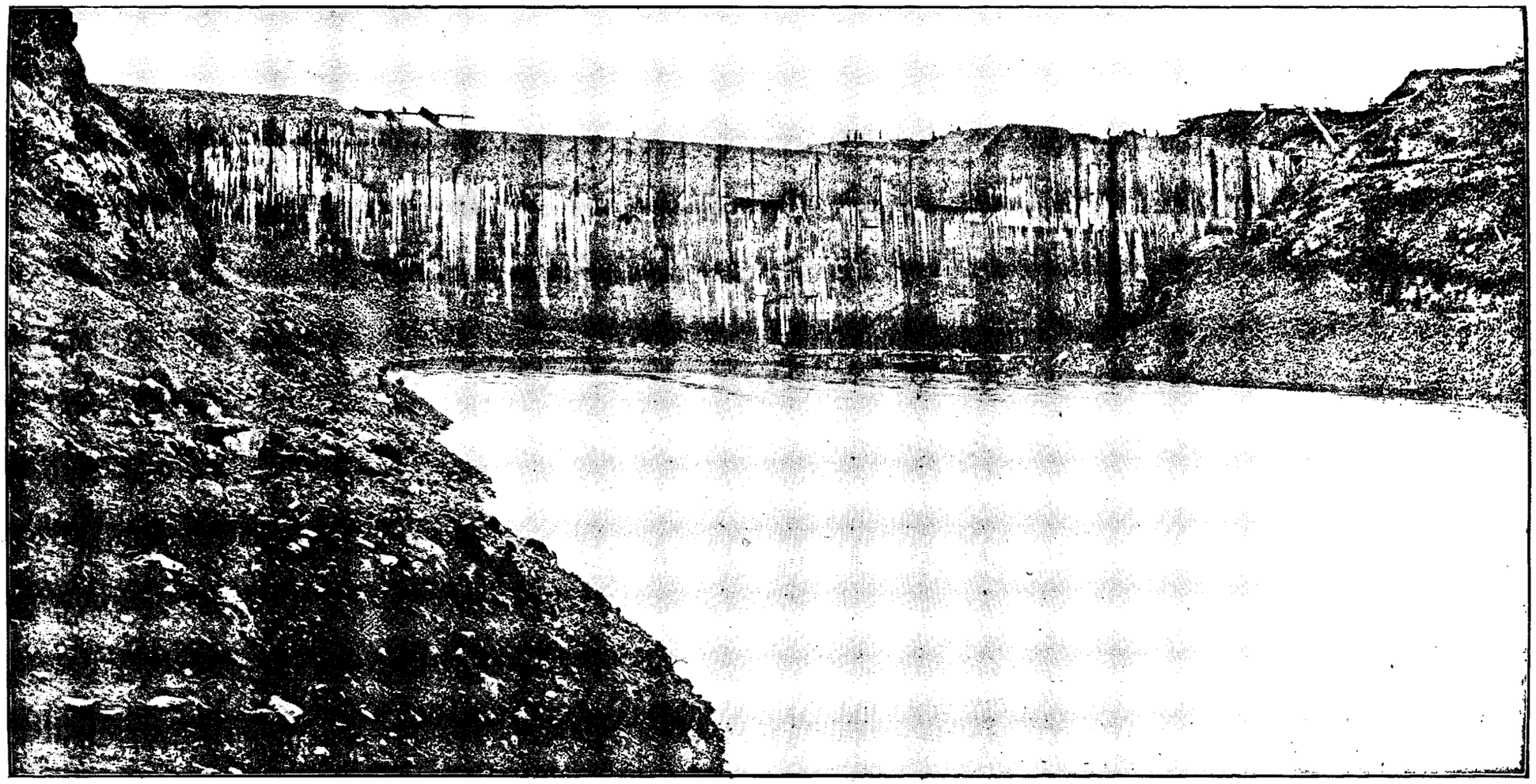
(d) Experiments on the efficiency of canals.

235. Another annual publication gives a record of observations for the flow and losses in canal, the quantity of water used for irrigation and the loss from tanks.

236. Occasional notes are written upon the saturation of earthern dams and the rate of deposit of silt in tank basins for which observations are being made continuously.

6.—PHOTOGRAPHS.

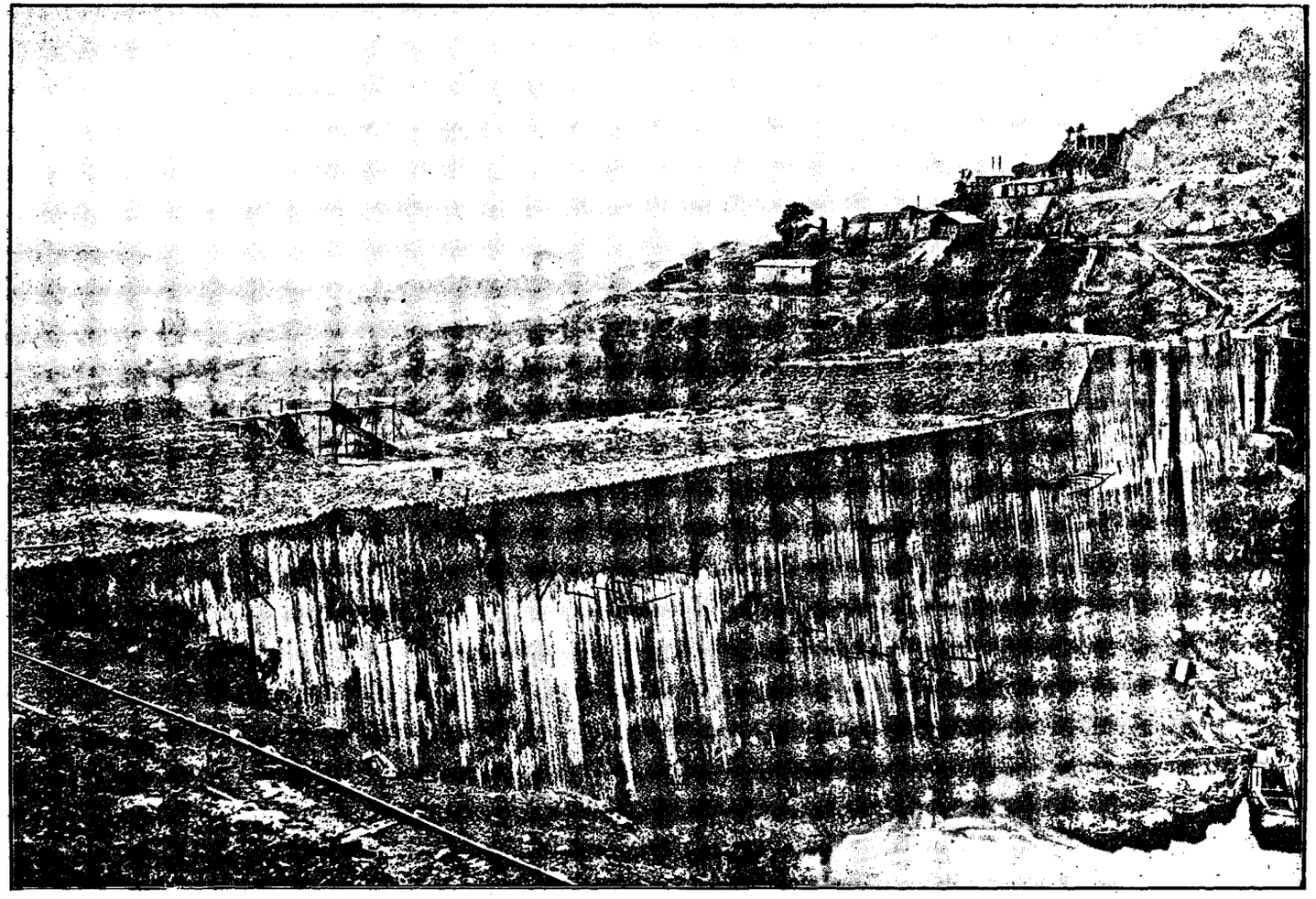
237. The following are some photographs of irrigation works referred to.



Lake Arthur Hill Dam.

Full View of the Dam, 135 Feet High.

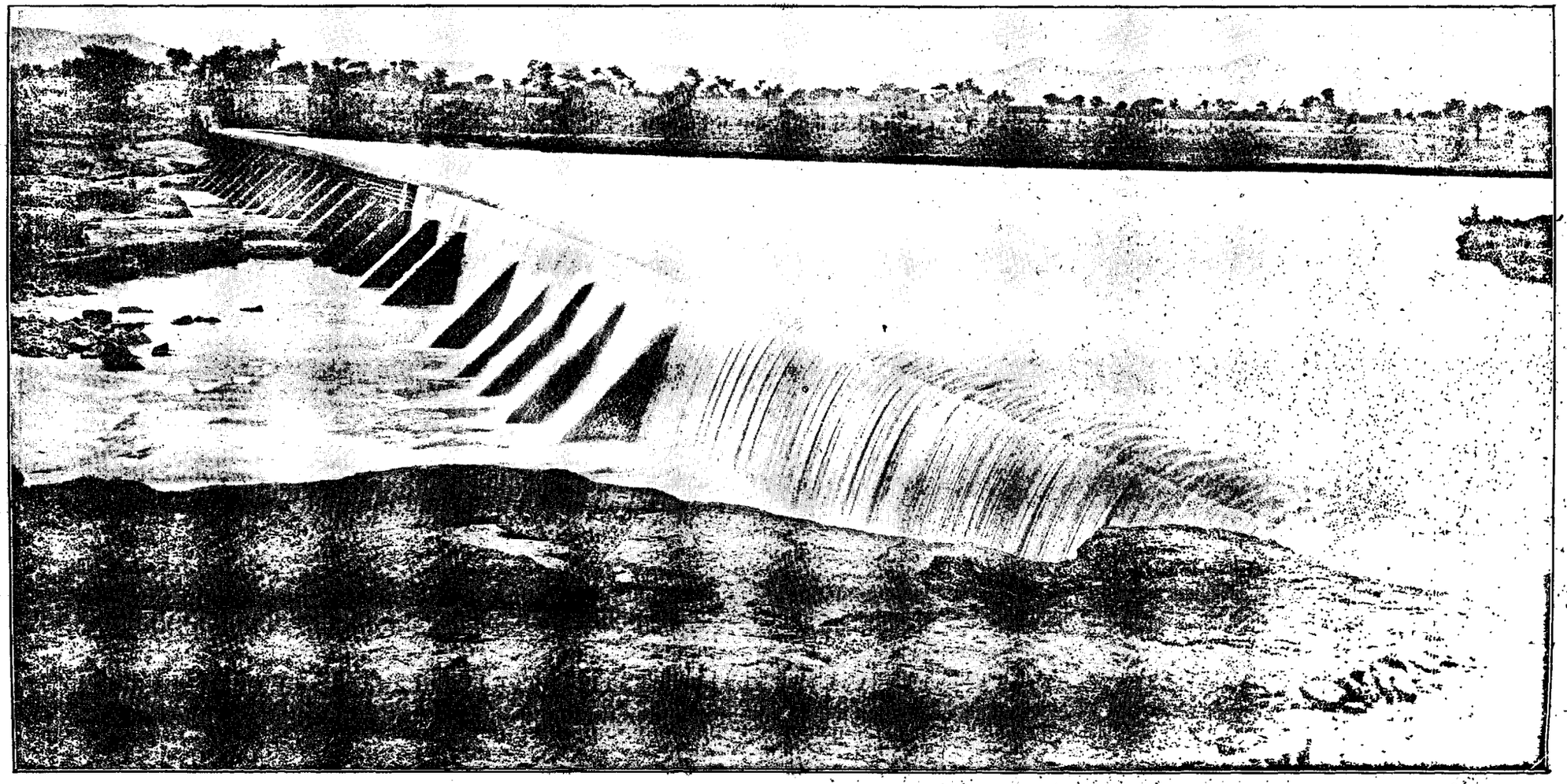
(Up Stream Face from North Bank.)



Govt. Photozinco: Office, Poona—1919.

Lake Arthur Hill Dam.

(Near View from North Bank.)



Ojhar Weir-Head Works—Pravara Canals.

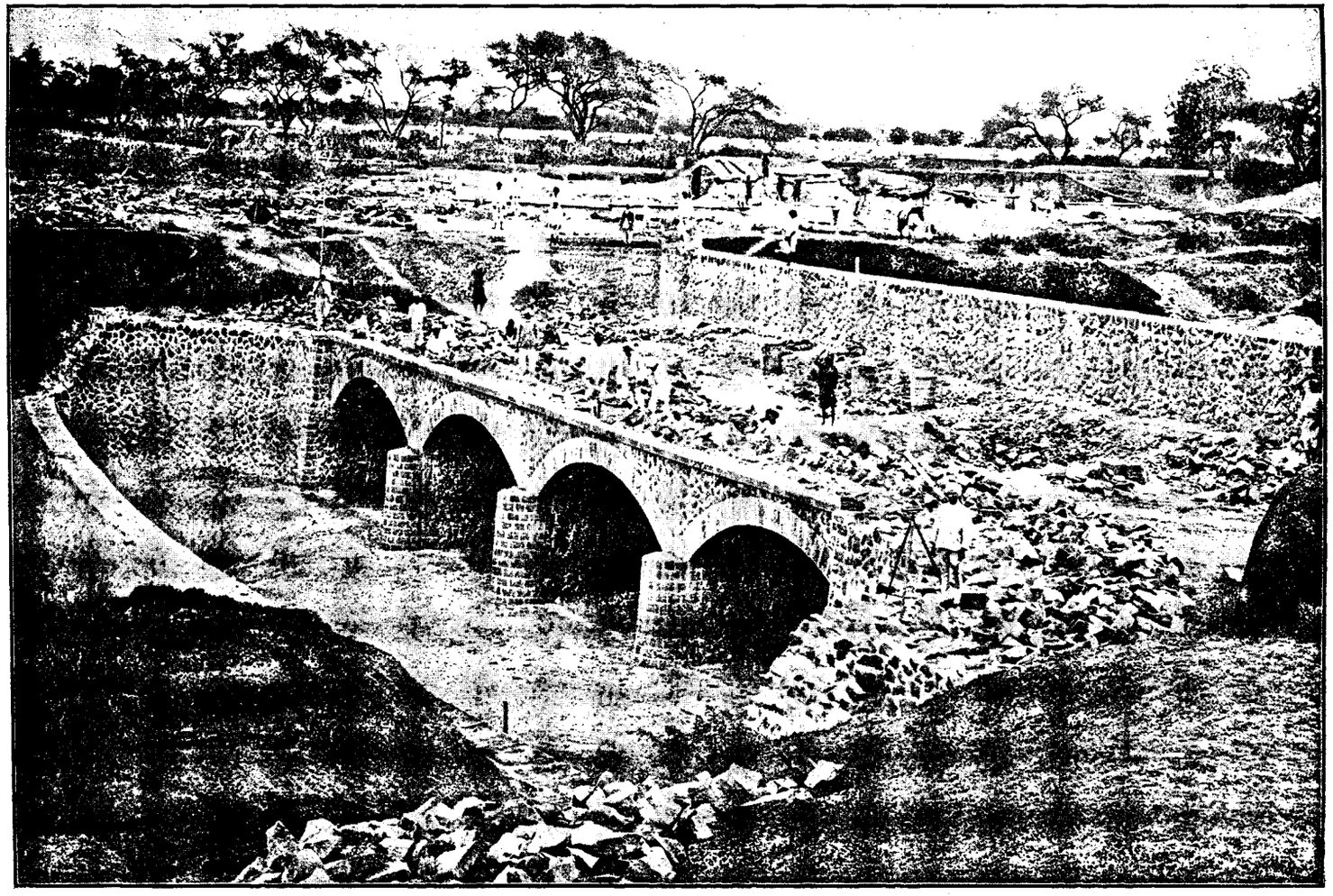
Downstream View Showing Strengthening by Buttresses (Work in Progress.)

Govt. Photozinco: Office, Poona—1919.

Pravara Canals Head Works.

Left Bank Canal Head Regulator and Scouring Sluices.

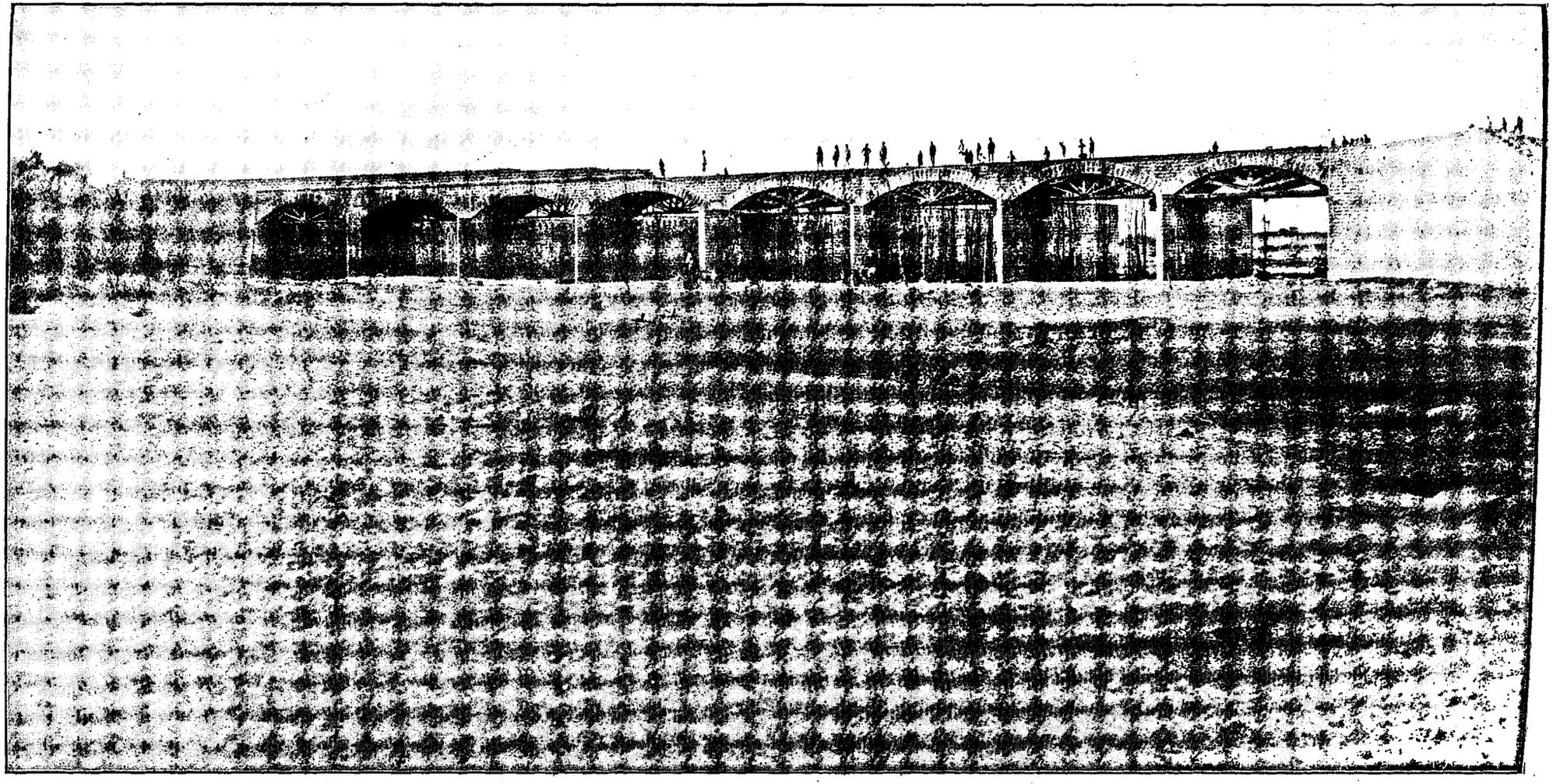
(Regulator, with 6 openings, 6 Ft. Wide and 8 Ft. High—Sluices with 2 openings, 4 Ft. Wide and 4½ Ft. High.)



Govt. Photozinco: Office, Poona 1919.

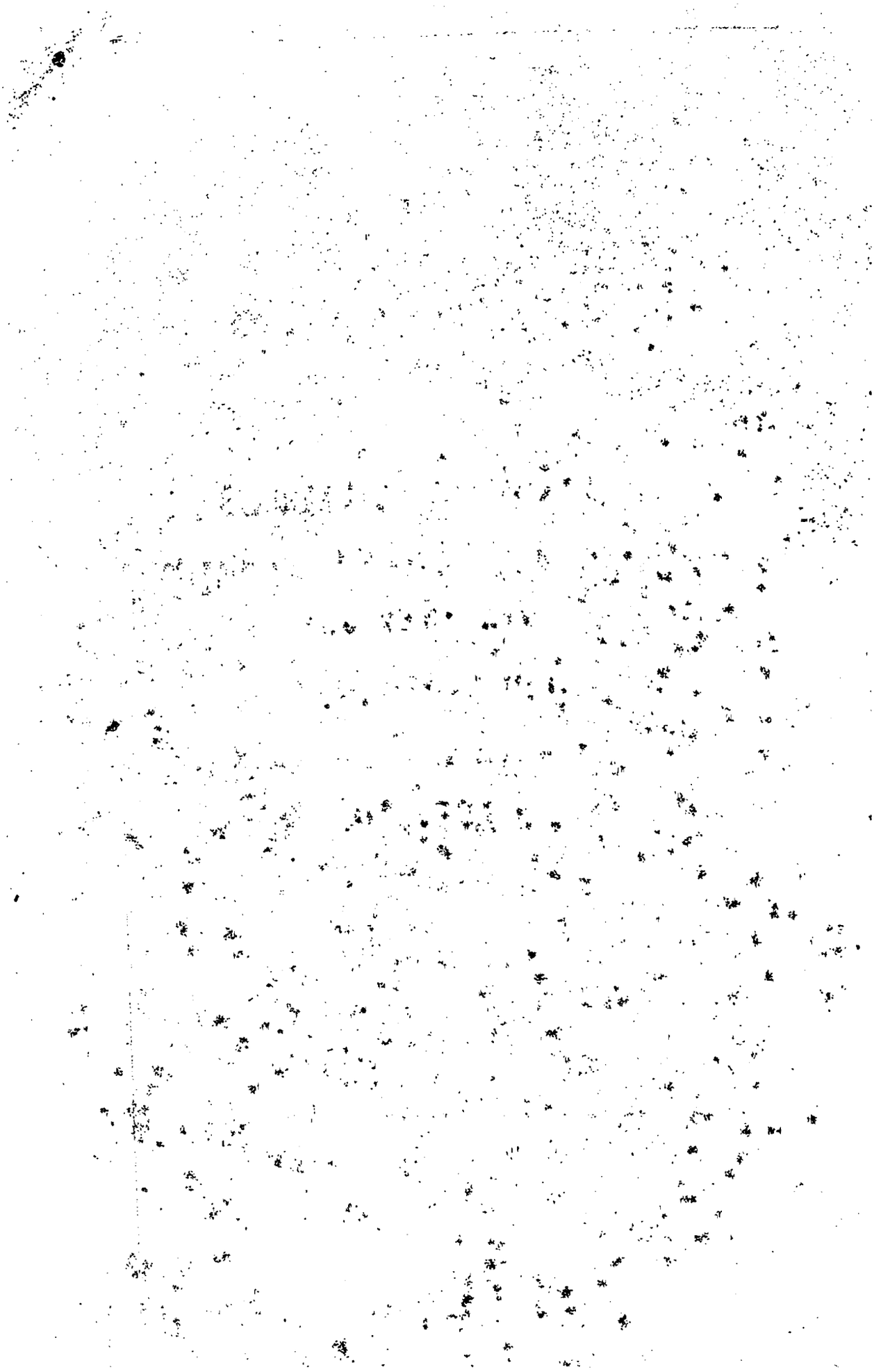
Aqueduct No. 4 on Pravara Left Bank Canal.

4 Spans of 20 Feet Each.



Govt. Photozinco: Office, Poona—1919.

Aqueduct No. 9 on Nira Right Bank Canal.



ADMINISTRATIVE ACCOUNTS

PUBLIC WORKS DEPARTMENT

(IRRIGATION)

BOMBAY PRESIDENCY

FOR THE YEAR

1917-18.

B. 240—1

TABLE OF CONTENTS.

	Name of Work.	No. 1 General Abstract of Financial Results.	No. 2 Capital Account.	No. 3 Revenue Account.	No. 4 Interest Account.	No. 5 Account of Indirect Charges.	No. 6 Statement comparing Charges to date with sanctioned estimate.
		Pages.	Pages.	Pages.	Pages.	Pages.	Pages.
	35.—*Protective Irrigation Works.*						
1	Pravara River Canals	4 & 5	8 & 9	10	11	11	12
2	Chankápur Tank	4 & 5	13 & 14	15	16	16	16
3	Godáveri Canal	4 & 5	17	18	19	19	19
4	Nira Canal, including Shetphal Tank ...	4 & 5	20 & 21	22 & 23	23	23	24
5	Mhasvad Tank	4 & 5	...	25 & 26	26	26	...
6	Gokák Canal—First Section	4 & 5	...	...	...	...	...
7	Máládevi Tank	4 & 5	...	...	27	27	27
8	Budhihal Tank	4 & 5	28	...	29	29	29
9	Nira Right Bank Canal	4 & 5	30	...	31	31	31
	49.—*Irrigation Works.*						
10	Desert Canal	4 & 5	32	33	34	34	35
11	Unharwah	4 & 5	...	36	37	37	...
12	Begári Canal	4 & 5	38	39	40	40	40
13	Mahiwah do.	4 & 5	41	42	43	43	43
14	Eastern Nára Works	4 & 5	44	45	46	46	46
15	Jámrao Canal	4 & 5	47 & 48	49	50	50	50
16	Dád do.	4 & 5	51	52	53	53	53
17	Nasrat do.	4 & 5	54	55	56	56	56
18	Navlákhi do.	4 & 5	...	...	57	...	57
19	Háthmati and Khári Cut Canals... ...	4 & 5	...	58	59	59	...
20	Lower Pánjhra River Works	4 & 5	...	60	61	61	...
21	Kádva River Works	4 & 5	...	62 & 63	63	63	...
22	Pravara River Works—Lákh Canal ...	4 & 5	...	64 & 65	65	65	...
23	Mutha Canals, including Mátoba Tank ...	4 & 5	66 & 67	68 & 69	69	70	70
24	Ekrúk Tank	4 & 5	...	71 & 72	72	72	...
25	Krishna Canal	4 & 5	73	74 & 75	75	75 & 76	76
	43.—*Minor Works and Navigation.*						
26	Sukkur Canal	6 & 7	...	77 & 78	...	78	...
27	Ghár do.	6 & 7	...	79 & 80	...	80	...
28	Suttah do.	6 & 7	...	81	...	81	...
29	Alibhar Kacheri Canal	6 & 7	...	82	...	82	...
30	Márak Great do.	6 & 7	83	84	..	85	85
31	Sarfrázwah	6 & 7	...	86	...	86	...
32	Fuleli Canal	6 & 7	87	88 & 89	...	89	90
33	Hasanaliwah	6 & 7	...	91	...	91	...
34	Wangroli Tank	6 & 7	92	93	...	94	94
35	Tránza—Nagrama Tank	6 & 7	...	95	...	95	...
36	Sávli Tank	6 & 7	...	96	...	96	...
37	Sahiat do.	6 & 7	...	97	...	97	...
38	Suki River do.	6 & 7	...	...	...	98	98
39	Futelao do.	6 & 7	...	99	...	99	...
40	Hartála do.	6 & 7	...	100	...	100	...
41	Mhasva do.	6 & 7	...	101	...	101	...
42	Jámda Canals	6 & 7	...	102	...	102	...
43	Parsul Tank	6 & 7	...	103	...	103	...
44	Pravara Left Bank Canal	6 & 7	...	104	...	104	...
45	Bhátodi Tank	6 & 7	...	105	...	105	...
46	Kásurdi do.	6 & 7	...	106	...	106	...
47	Shirsuphal do.	6 & 7	...	107	...	107	...
48	Bhádalvádi do.	6 & 7	...	108	...	108	...
49	Victoria do.	6 & 7	109	...	...	110	110
50	Koregaon do.	6 & 7	...	111	...	111	...
51	Ashti do.	6 & 7	...	112	...	112	...
52	Páthri do.	6 & 7	...	113	...	113	...
53	Revári Canal	6 & 7	...	114	...	114	...
54	Upper Mán River Works	6 & 7	...	115	...	115	...
55	Yerla River Irrigation Works	6 & 7	...	116	...	116	...
56	Chikhli Canal	6 & 7	...	117	...	117	...
57	Maini Tank	6 & 7	...	118	...	118	...
58	Muchkundi do.	6 & 7	...	119	...	119	...
59	Gadikeri do.	6 & 7	...	120 & 121	...	121	...
60	Gokák Canal—First Section, and Storage Works	6 & 7	...	122	123	123	...
61	Dámbal Tank	6 & 7	...	124	...	124	...
62	Medleri do.	6 & 7	...	125	...	125	...
63	Madag do.	6 & 7	...	126	...	126	...
64	Asundi do.	6 & 7	...	127	...	127	...
65	Dharma Canal	6 & 7	128	129	...	130	130
66	Mávinkop Tank	6 & 7	...	131	...	131	...
67	Gokák Canal—Second Section	6 & 7	...	...	...	...	...
68	Works for which only Revenue Accounts are kept—Sind	6 & 7	...	132	...	...	...

IRRIGATION BRANCH.

PUBLIC WORKS ADMINISTRATIVE ACCOUNTS

No. I.—*General Abstract of Financial Results showing the estimated Cost of Construction of Major and the Simple Interest on the*

MAJOR

Name of Work.	Estimated Cost of Construction.			Capital Outlay.						Receipt
				During 1917-1918.			To end of 1917-1918.			
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Water-rates, &c.
1	2	3	4	5	6	7	8	9	10	11
35.—PROTECTIVE IRRIGATION WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
DECCAN AND GUJARÁT.										
Works in Operation.										
Pravara River Canal ..	1,11,20,711	5,49,881	1,16,70,592	8,00,308	26,483	8,26,791	73,43,965	2,37,284	75,81,249	13,535
Chankápur Tank	18,88,840	64,232	19,53,072	14,542	348	14,890	18,55,604	61,475	19,17,079	7,600
Godáveri Canal	95,60,281	4,91,049	1,00,51,330	39,542	2,463	42,005	95,60,584	4,90,318	1,00,50,902	2,16,793
Nira Canal and Shetphal Tank	61,29,605	3,66,802	64,96,407	48,357	3,649	52,006	61,59,258	3,68,331	65,27,589	4,26,580
Mhasvad Tank	20,05,553	90,463	20,96,016	...	...	...	20,05,553	90,463	20,96,016	39,218
Gokák Canal, First Section ...	4,00,939	11,727	4,12,666	...	...	...	4,00,939	11,727	4,12,666	...
Total, Works in Operation...	3,11,05,929	15,74,154	3,26,80,083	9,02,749	32,943	9,35,692	2,73,25,903	12,59,598	2,85,85,501	7,03,726
Works under Construction.										
Máládevi Tank	3,04,671	9,903	3,14,574	...	...	...	3,02,040	9,888	3,11,928	...
Budhihal do.	13,98,529	56,082	14,54,611	254	11	265	4,91,290	18,288	5,09,578	...
Nira Right Bank Canal ...	2,49,71,868	8,00,631	2,57,72,499	17,17,564	38,447	17,56,011	1,24,56,976	2,75,080	1,27,32,056	...
Total ...	2,66,75,068	8,66,616	2,75,41,684	17,17,818	38,458	17,56,276	1,32,50,306	3,03,256	1,35,53,562	...
Total, Protective Irrigation Works	5,77,80,997	24,40,770	6,02,21,767	26,20,567	71,401	26,91,968	4,05,76,209	15,62,854	4,21,3906,3	7,03,726
49.—IRRIGATION WORKS.										
SIND.										
Works in Operation.										
Desert Canal	26,55,351	80,019	27,35,370	586	15	601	26,41,477	79,680	27,21,157	76,673
Unharwáh	7,68,050	20,780	7,88,830	...	...	...	7,68,050	20,780	7,88,830	2,584
Begari Canal	24,69,981	64,606	25,34,587	—10,940	—272	—11,212	23,61,444	78,285	24,39,729	34,192
Mahiwah	14,45,248	72,108	15,17,356	—168	—16	—184	13,80,892	58,792	14,39,684	2,698
Eastern Nára Works ...	72,29,168	2,49,854	74,79,022	25,356	593	25,949	68,05,171	2,35,698	70,40,869	35,573
Jámráo Canal	86,48,810	2,58,384	89,07,194	64,455	1,664	66,119	86,48,810	2,58,384	89,07,194	72,799
Dád do.	25,67,595	98,077	26,65,672	—2,016	249	—1,767	25,74,610	94,018	26,68,628	685
Nasrat do.	18,07,845	58,226	18,66,071	—3,637	...	—3,637	18,07,845	58,226	18,66,071	997
Total, Works in Operation...	2,75,92,048	9,02,054	2,84,94,102	73,636	2,233	75,869	2,69,88,299	8,83,863	2,78,72,162	2,26,201
Works under Construction.										
Naulákhi Canal	12,17,935	44,619	12,62,554	...	...	...	5,112	33	5,145	...
Sukkur Barrage Works ...	...	...	...	...	...	...	—284	...	—284	...
Total, Sind ...	2,88,09,983	9,46,673	2,97,56,656	73,636	2,233	75,869	2,69,93,127	8,83,896	2,78,77,023	2,26,201
DECCAN AND GUJARÁT.										
Works in Operation.										
Háthmati Canal and Khari Cut Canal	12,40,983	74,990	13,15,973	...	...	...	12,40,983	74,990	13,15,973	33,332
Lower Pánjhra River Works.	4,45,382	23,239	4,68,621	...	...	...	4,45,382	23,239	4,68,621	12,310
Kádva River Works... ...	9,71,741	62,450	10,34,191	...	...	...	9,71,741	62,450	10,34,191	26,768
Pravara River Works— Lákh Canal	3,52,446	19,445	3,71,891	...	...	...	3,52,446	19,445	3,71,891	1,578
Mutha Canals and Mátoba Tank	76,13,944	3,01,554	79,15,498	—4,791	52	—4,739	76,13,944	3,01,554	79,15,498	4,26,484
Ekrúk Tank	12,28,117	1,12,269	13,40,386	...	...	...	12,28,117	1,12,269	13,40,386	1,06,665
Krishna Canal	8,95,262	51,507	9,46,769	17	...	17	8,92,977	51,482	9,44,459	52,117
Total, Deccan and Gujarát...	1,27,47,875	6,45,454	1,33,93,329	—4,774	52	—4,722	1,27,45,590	6,45,429	1,33,91,019	6,59,254
Total, 49.—Irrigation Works	4,15,57,858	15,92,127	4,31,49,985	68,862	2,285	71,147	3,97,38,717	15,29,325	4,12,68,042	8,85,455
GRAND TOTAL ...	9,93,38,855	40,32,897	10,33,71,752	26,89,429	73,686	27,63,115	8,03,14,926	30,92,179	8,34,07,105	15,89,181

NOTE.—Direct charges under Working Expenses include share of collection charges in the Civil Department calculated

Bombay, 24th October 1918.

BOMBAY PRESIDENCY.

DEPARTMENT.

FOR THE YEAR 1917-1918.

Works, the Capital Outlay thereon, the Revenue derived therefrom, the Working Expenses, Direct Capital Outlay on those Works.

WORKS.

DURING 1917-1918.		WORKING EXPENSES DURING 1917-1918.			NET RESULT, EXCLUDING INTEREST (DIFFERENCE BETWEEN REVENUE AND WORKING EXPENSES).				Simple Interest during 1917-18.	NET RESULT, INCLUDING INTEREST.			
							Rate per cent.					Rate per cent.	
Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess revenue (surplus).	Excess expenditure (deficit).	Of excess revenue.	Of excess expenditure.		Excess revenue (surplus).	Excess expenditure (deficit).	Of excess revenue.	Of excess expenditure.
12	13	14	15	16	17	18	19	20	21	22	23	24	25
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs.	Rs.	Rs.		
...	13,535	27,805	1,144	28,949	...	15,414	...	0·20	2,41,159	...	2,56,573	...	3·38
...	7,600	23,015	1,153	24,168	...	16,568	...	0·86	64,193	...	80,761	...	4·21
...	2,16,793	1,40,742	6,186	1,46,928	69,865	...	0·70	...	3,31,352	...	2,61,487	...	2·60
...	4,26,580	1,32,658	7,209	1,39,867	2,86,713	...	4·39	...	2,13,071	73,642	...	1·13	...
...	39,218	15,751	966	16,717	22,501	...	1·07	...	69,653	...	47,152	...	2·25
...	...	...	...	...	...	...	...	...	13,925	...	13,925	...	3·37
...	7,03,726	3,39,971	16,658	3,56,629	3,47,097	...	1·21	...	9,33,353	...	5,86,256	...	2·05
...	...	...	...	...	...	...	...	...	10,490	...	10,490	...	0·34
...	...	...	...	...	...	...	...	...	17,058	...	17,058	...	3·35
...	...	...	...	...	...	...	...	...	4,02,805	...	4,02,805	...	3·16
...	...	...	...	...	...	...	...	...	4,30,353	...	4,30,353	...	3·18
...	7,03,726	3,39,971	16,658	3,56,629	3,47,097	...	0·82	...	13,63,706	...	10,16,609	...	2·41
3,75,509	4,52,182	1,15,308	4,564	1,19,872	3,32,310	...	12·21	...	91,728	2,40,582	...	8·84	...
2,07,283	2,09,867	71,604	1,020	72,624	1,37,243	...	17·40	...	26,674	1,10,569	...	14·02	...
5,80,217	6,14,409	1,50,128	4,529	1,54,657	4,59,752	...	18·84	...	82,203	3,77,549	...	15·48	...
60,606	63,304	64,759	338	65,097	...	1,793	...	0·12	47,961	...	49,754	...	3·46
5,75,944	6,11,517	2,46,905	8,970	2,55,275	3,56,242	...	5·06	...	2,35,903	1,20,339	...	1·71	...
7,55,847	8,26,646	4,95,823	23,077	5,18,900	3,09,746	...	3·48	...	2,99,254	10,492	...	0·12	...
1,90,599	1,91,284	98,053	4,446	1,02,499	88,785	...	3·33	...	89,451	...	666	...	0·02
1,22,439	1,23,436	1,21,708	4,295	1,26,003	...	2,567	...	0·14	62,850	...	65,417	...	3·51
28,68,441	30,94,645	13,63,688	51,239	14,14,927	16,79,718	...	6·03	...	9,36,024	7,43,694	...	2·67	...
...	...	...	...	...	...	...	...	...	178	...	178	...	3·46
...	...	...	...	...	...	...	...	...	—10	...	—10	...	...
28,68,444	30,94,645	13,63,688	51,239	14,14,927	16,79,718	...	6·03	...	9,36,192	7,43,526	...	2·67	...
...	33,392	44,373	1,814	46,187	...	12,855	...	0·98	43,099	...	55,954	...	4·25
3,245	15,555	9,519	308	9,827	5,728	...	1·22	...	15,468	...	9,740	...	2·08
594	27,362	17,808	956	18,764	8,598	...	0·83	...	33,749	...	25,151	...	2·43
225	1,803	2,507	135	2,642	...	839	...	0·23	12,240	...	13,079	...	3·52
...	3,26,484	1,79,065	8,256	1,87,321	2,39,163	...	3·02	...	2,64,515	...	25,352	...	0·32
...	1,06,665	16,603	713	17,316	89,349	...	6·67	...	42,653	46,696	...	3·48	...
...	52,117	17,116	548	17,664	34,453	...	3·65	...	31,013	3,440	...	0·36	...
4,064	6,63,318	2,86,991	12,730	2,99,721	3,63,597	...	2·72	...	4,42,737	...	79,140	...	0·59
28,72,508	37,57,963	16,50,679	63,969	17,14,648	20,43,315	...	4·95	...	13,78,929	6,64,386	...	1·61	...
28,72,508	44,61,689	19,90,650	80,627	20,71,277	23,90,412	...	2·87	...	27,42,635	...	3,52,223	...	0·42

at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

C. W. C. CARSON,
Accountant General.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

No. 1.—*General Abstract of Financial Results showing the estimated Cost of Construction of Minor Works, and Navigation, the Capital Outlay thereon, the Revenue derived therefrom, and the Working Expenses on those Works.*

Name of Project.	Estimated Cost of Construction.			Capital Outlay.						Receipts during 1917-1918.			Working Expenses.			Net Result, excluding Interest (Difference between Revenue and Working Expenses).			
				During 1917-1918.			To end of 1917-1918.											Rate per cent.	
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.	Water-rates, &c.	Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess Revenue (surplus).	Excess Expenditure (deficit).	Of excess Revenue.	Of excess Expenditure.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
43.—Minor Works and Navigation.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
Works for which Capital and Revenue Accounts are kept.																			
Sind.																			
Works in Operation.																			
Sukkur Canal	13,64,754	61,496	14,26,250	...	...	...	13,64,754	61,496	14,26,250	4,819	2,10,253	2,15,072	65,670	1,622	67,292	1,47,780	...	10·36	...
Ghár do.	5,48,405	30,854	5,79,259	...	...	...	5,48,405	30,854	5,79,259	13,452	7,59,596	7,73,048	1,69,342	4,065	1,73,407	5,99,641	...	103·52	...
Suttah Canal	1,74,028	6,051	1,80,079	...	...	...	1,74,028	6,051	1,80,079	...	28,728	28,728	3,168	—24	3,144	25,584	...	14·21	...
Alibhar Kacheri Canal ...	23,207	710	23,917	...	...	...	23,207	710	23,917	1,009	14,886	15,895	3,154	236	3,390	12,505	...	52·28	...
Márak Great Canal	3,64,706	12,302	3,77,008	24,514	720	25,234	2,31,950	9,030	2,40,980	4,986	1,25,987	1,30,973	33,104	1,459	34,563	96,410	...	40·01	...
Surfrázwáh	1,18,559	6,121	1,24,680	...	...	...	1,18,559	6,121	1,24,680	5,434	42,372	47,806	10,801	449	11,250	36,556	...	29·32	...
Fuleli Canal	19,71,883	73,202	20,45,085	31,580	773	32,353	19,56,095	72,259	20,28,354	48,859	6,35,992	6,84,851	2,18,947	6,601	2,25,548	4,59,303	...	22·64	...
Hasanali Canal	2,89,929	14,876	3,04,805	...	...	...	2,89,929	14,876	3,04,805	916	41,346	42,262	14,170	371	14,541	27,721	...	9·09	...
Total, Sind ...	48,55,471	2,05,612	50,61,083	56,094	1,493	57,587	47,06,927	2,01,397	49,08,324	79,475	18,59,160	19,38,635	5,18,356	14,779	5,33,135	14,05,500	...	28·63	...
Deccan and Gujarát.																			
Works in Operation.																			
Wangroli Tank	2,40,227	50,703	2,90,930	1,267	598	1,865	2,40,227	50,703	2,90,930	2,501	1,308	3,809	9,081	351	9,432	...	5,623	...	...
Tranza Nagrama Tank ...	2,38,032	42,603	2,80,635	..	...	...	2,38,032	42,603	2,80,635	307	54	361	4,408	187	4,595	...	4,234	...	1·93
Sávli Tank	2,34,179	21,031	2,55,210	...	...	...	2,34,179	21,031	2,55,210	1,427	...	1,427	5,939	249	6,188	...	4,761	...	1·51
Sahiat Tank	1,58,452	25,577	1,84,029	...	...	...	1,58,452	25,577	1,84,029	300	8	308	5,987	254	6,241	...	5,983	...	1·87
Futelao Tank	1,07,356	9,105	1,16,461	...	...	...	1,07,356	9,105	1,16,461	356	...	356	2,709	115	2,824	...	2,468	...	3·22
Hartála Tank	47,948	25,434	73,382	...	...	...	47,948	25,434	73,382	2,434	...	2,434	1,632	58	1,690	744	...	1·01	2·12
Mhasva Tank	1,28,781	10,175	1,38,956	...	...	...	1,28,781	10,175	1,38,956	1,247	...	1,247	1,830	95	1,925	...	678	...	...
Jámda Canals	9,91,178	49,911	10,41,089	...	...	...	9,91,178	49,911	10,41,089	11,252	...	11,252	14,290	694	14,984	...	3,732	...	0·49
Parsul Tank	2,11,995	6,951	2,18,946	...	...	...	2,08,007	6,988	2,14,995	51,21	...	5,121	3,533	229	3,762	1,359	...	0·63	0·36

Pravara Left Bank Canal ...	3,24,317	23,233	3,47,550	...	...	...	3,24,317	23,233	3,47,550	2,599	76	2,675	7,420	418	7,838	...	5,163	...	1·49
Bhátodi Tank	3,52,685	27,022	3,79,707	...	...	...	3,52,685	27,022	3,79,707	5,439	2,232	7,671	5,465	161	5,626	2,045	...	0·54	...
Kásurdi do.	40,812	4,778	45,590	...	...	...	40,812	4,778	45,590	235	...	235	655	31	686	...	451	...	0·99
Shirsuphal do.	2,12,199	12,369	2,24,568	...	...	...	2,12,199	12,369	2,24,568	2,836	...	2,836	2,403	123	2,526	310	...	0·14	...
Bhádalvádi do.	2,13,115	14,307	2,27,422	...	...	...	2,13,115	14,307	2,27,422	4,591	...	4,591	2,826	141	2,967	1,624	...	0·71	...
Koregaon do.	37,923	1,266	39,189	...	...	...	37,923	1,266	39,189	2,842	...	2,842	5,870	169	6,039	...	3,197	...	8·16
Ashti do.	7,57,050	79,041	8,36,091	...	...	...	7,57,050	79,041	8,36,091	24,952	...	24,952	5,975	208	6,183	18,769	...	2·24	...
Páthri do.	6,27,825	15,021	6,42,846	...	...	...	6,27,825	15,021	6,42,846	5,392	...	5,392	1,916	72	1,988	3,404	...	0·53	...
Revári Canal	56,771	3,040	59,811	...	...	...	56,771	3,040	59,811	6,579	...	6,579	1,815	70	1,885	4,694	...	7·85	...
Upper Mán River Works ...	4,15,835	23,451	4,39,286	...	...	...	4,15,835	23,451	4,39,286	5,400	...	5,400	2,131	102	2,233	3,167	...	0·72	...
Yerla River Irrigation Works	7,27,683	44,131	7,71,814	...	...	...	7,19,542	45,328	7,64,870	18,748	...	18,748	8,821	370	9,191	9,557	...	1·25	...
Chikhli Canal...	53,803	3,639	57,442	...	...	...	53,803	3,639	57,442	2,197	...	2,197	856	32	888	1,309	...	2·28	...
Maini Tank	4,62,125	25,525	4,87,650	...	...	...	4,62,125	25,525	4,87,650	8,713	...	8,713	2,790	131	2,921	5,792	...	1·19	...
Muchkundi Tank	1,40,217	18,490	1,58,707	...	...	...	1,40,217	18,490	1,58,707	631	...	631	195	12	207	424	...	0·27	...
Gadikeri do.	16,363	555	16,918	...	...	...	16,363	555	16,918	...	2,061	2,061	341	3	344	1,717	...	10·15	...
Gokák Canal, First Section, and Storage Works ...	9,00,811	68,445	9,69,256	...	...	...	9,00,811	68,445	9,69,256	48,215	...	48,215	14,038	697	14,735	33,480	...	*3·45	...
Dambal Tank	60,847	3,133	63,980	...	...	...	60,847	3,133	63,980	672	916	1,588	838	62	900	688	...	1·08	...
Medleri do.	78,354	3,038	81,392	...	...	...	78,354	3,038	81,392	1,034	...	1,034	771	61	832	202	...	0·25	...
Madag do.	1,61,248	6,350	1,67,598	...	...	...	1,61,248	6,350	1,67,598	3,490	...	3,490	1,507	102	1,609	1,881	...	1·12	...
Asundi do.	60,741	14,254	74,995	...	...	...	60,741	14,254	74,995	842	687	1,529	857	63	920	609	...	0·81	...
Mávinkop do.	30,185	3,319	33,504	...	...	...	30,185	3,319	33,504	...	2,244	2,244	612	32	644	1,600	...	4·78	...
Dharma Canal	95,582	2,752	98,334	5,224	107	5,331	90,760	2,210	92,970	2,897	—4,961	—2,064	126	105	231	...	2,295	...	2·47
Total, Works in Operation...	81,84,639	6,38,649	88,23,288	6,491	705	7,196	81,67,688	6,39,341	88,07,029	1,73,249	4,625	1,77,874	1,17,637	5,397	1,23,034	54,840	...	0·62	...
Works under Construction.																			
Victoria Tank	4,37,530	23,473	4,61,003	—23	3	—20	54,542	3,793	58,335	...	...	...	...	...	...	...	...	...	...
Suki River	...	...	...	...	...	...	15,139	385	15,524	...	...	...	...	...	...	...	...	...	...
Total ...	4,37,530	23,473	4,61,003	—23	3	—20	69,681	4,178	73,859	...	...	...	...	...	...	...	...	...	...
Works in Abeyance.																			
Gokák Canal, Second Section.	1,78,001	13,994	1,91,995	...	...	...	1,76,306	13,978	1,90,284	...	...	...	...	...	...	...	...	...	...
Total, Deccan and Gujarát...	88,00,170	6,76,116	94,76,286	6,468	703	7,176	84,13,675	6,57,497	90,71,172	1,73,249	4,625	1,77,874	1,17,637	5,397	1,23,034	54,840	...	0·60	...
Grand Total—Works for which Capital and Revenue Accounts are kept ...	1,36,55,641	8,81,728	1,45,37,369	62,562	2,201	64,763	1,31,20,602	8,58,894	1,39,79,496	2,52,724	18,63,785	21,16,509	6,35,993	20,176	6,56,169	14,60,340	...	10·45	...
Works for which only Revenue Accounts are kept.																			
Sind	...	...	...	...	...	...	...	...	...	79,994	23,36,765	24,16,759	8,77,816	...	8,77,816	15,38,943	...	...	...

NOTE.—(1) Direct Charges under Working Expenses include share of collection charges in the Civil Department calculated at certain percentages fixed by Government, but which are not adjusted in the Finance Accounts.

* The rate per cent. on the total cost (Rs. 13,81,922) of the Project comes to 2·42.

Bombay, 24th October 1918.

C. W. C. CARSON,
Accountant General.

IRRIGATION BRANCH BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-198.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	1,873	...	1,873	4,618	.....
B. Land	52,556	63	52,619	1,62,403	.....
C. Works	25,30,377	3,66,660	28,97,037	52,69,349	.....
K. Buildings	39,504	1,049	40,553	54,388	.....
O. Miscellaneous	29,061	2,318	31,379	34,751	.....
P. Maintenance	32,029	5,194	37,223	50,139	.....
Total, Head Works ...	26,85,400	3,75,284	30,60,684	55,75,648	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	10,161	624	10,785	13,155	.....
B. Land	61,374	—939	60,435	79,876	.....
D. Regulators	38,768	5,073	43,841	50,186	.....
E. Falls and Weirs	14,351	948	15,299	15,654	.....
F. River and Hill torrent works ...	4,50,209	13,364	4,63,573	4,87,683	.....
G. Bridges	97,603	8,558	1,06,161	1,11,508	.....
H. Escapes	12,806	6,148	- 18,954	20,680	.....
K. Buildings	1,15,968	12,535	1,28,503	1,98,583	.....
L. Earth-work	14,46,090	1,04,545	15,50,635	16,04,052	.....
M. Plantations	39,177	11,323	50,500	62,352	.....
O. Miscellaneous	2,767	10,672	13,439	26,857	.....
P. Maintenance	23,560	2,567	26,127	43,205	.....
Total, Main Canals and Branches ...	23,12,834	1,75,418	24,88,252	27,13,791	.....
Carried over ...	49,98,234	5,50,702	55,48,936	82,89,439	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 2.—*Capital Account for, and to end of,* 1917-1918—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1917-18.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	49,98,234	5,50,702	55,48,936	82,89,439	.....
WORKS—*continued.*					
(3)—*Distributaries.*					
A. Preliminary Expenses ...	10,853	409	11,262	16,169	.....
B. Land	36,998	5,966	42,964	83,319	.....
C. Works	91,563	2,861	94,424	2,33,856	.....
L. Earth-work	8,351	12,475	20,826	64,725	.....
O. Miscellaneous	1,46,169	43,932	1,90,101	4,60,720	.....
Total, Distributaries ...	2,93,934	65,643	3,59,577	8,58,789	.....
Total, I.—Works ..	52,92,168	6,16,345	59,08,513	91,48,228	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,01,915	23,387	2,25,302	18,34,495	.....
3. Executive	8,84,922	1,58,259	10,43,181		
Total, II.—Establishment ...	10,86,837	1,81,646	12,68,483	18,34,495	.....
III.—TOOLS AND PLANT	1,70,094	3,609	1,73,703	1,37,988	.....
IV.—Suspense Accounts	—154	266	112	.....	.....
Grand Total ..	65,48,945	8,01,866	73,50,811	1,11,20,711	.....
V.—*Less*—Receipts on Capital Account.	5,288	1,558	6,846	.....	.....
Net Outlay ...	65,43,657	8,00,308	73,43,965	1,11,20,711	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	60,07,166	8,00,308	68,07,474	1,11,20,711	.....
Chargeable to 43.—Minor Works and Navigation	22,623	...	22,623		
Chargeable to 33.—Famine Relief ..	5,13,868	...	5,13,868		
Total ..	65,43,657	8,00,308	73,43,965	1,11,20,711	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	78,876	12,512	91,388	2. Main Canals and Branches ...	176	1,170	1,346
3. Sales of water ...	84	...	84	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	1,206	564	1,770	2. Main Canals and Branches ...	46,704	15,651	62,355
6. Other canal produce	277	2	279	3. Distributaries ...	1,712	1,915	3,627
9. Rents of Buildings.	496	157	653	Total ...	48,416	17,566	65,982
10. Fines	156	3	159	IV.—ESTABLISHMENT.			
11. Miscellaneous Receipts	1,660	297	1,957	1 & 2. Direction and Accounts ...	2,135	819	2,954
				3. Executive	21,357	7,351	28,708
				Total ...	23,492	8,170	31,662
Total ...	82,755	13,535	96,290	V.—TOOLS AND PLANT ...	692	273	965
				VI.—REFUNDS OF REVENUE ...	462	...	462
II.—INDIRECT RECEIPTS.				Total ...	73,238	27,179	1,00,417
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Share of Collection Charges in the Civil Department	3,948	626	4,574
Total, Receipts ...	82,755	13,535	96,290	Indirect Charges debitable to Revenue Account as per Account No. 5	3,289	1,144	4,433
				Total, Charges ...	80,475	28,949	1,09,424
				Balance Net Revenue ...	2,280	—15,414	—13,134
Grand Total ...	82,755	13,535	96,290	Grand Total ...	82,755	13,535	96,290

Note.—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17, *vide* Government Resolution No. A.I.-12327, dated 18th December 1917 Rs. 732.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917 ...	8,10,147	Net Revenue realized to end of 1916-1917 ...	2,280
		Do. during 1917-1918 ...	—15,414
Interest charges for the year 1917-1918 ...	2,41,159		—13,134
		Balance net Interest charges	10,64,440
Total ...	10,51,306	Total ...	10,51,306

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	58,644	1,053	59,697
2. Leave and Pension Allowances	1,52,157	25,430	1,77,587
Total ...	2,10,801	26,483	2,37,284
REVENUE—			
2. Leave and Pension Allowances	3,289	1,144	4,433

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

PRAVARA RIVER CANALS.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against Construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	59,08,513	91,48,228	32,39,715	59,08,513	Revised estimate for the Pravara River Canal Project sanctioned by the Secretary of State's Despatch No. 37-P.W. of 31st August 1917, *vide* Government of India's No.613-I of 16th November 1917, communicated in Government Resolution No. W.I.-3848 dated 4th April 1918, Rs. 1,27,04,607
Establishment ...	...	...	...	12,68,483	18,34,495	5,66,012	12,68,483	
Tools and Plant ...	...	...	...	1,73,703	1,37,988	—35,715	1,73,703	
Suspense Accounts	..	...	...	112	...	—112	112	
Total ...	...	...	...	73,50,811	1,11,20,711	37,69,900	73,50,811	
Less—Receipts on Capital Account.	...	...	...	6,846	...	—6,846	6,846	
Net Total ..	...	...	...	73,43,965	1,11,20,711	37,76,746	73,43,965	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	...	...	...	59,697	2,93,051	2,33,354	59,697	
Leave and Pension Allowances ...	...	...	...	1,77,587	2,56,830	79,243	1,77,587	
Total ..	...	...	...	2,37,284	5,49,881	3,12,597	2,37,284	
Grand Total ..	...	...	...	75,81,249	1,16,70,592	40,89,343	75,81,249	*Deduct.*—Estimate of the undermentioned works, as their separate accounts have been prepared as one account for the whole project has been kept in abeyance pending the new project is completed sufficiently to give water to the other canals, *vide* Government of India's No.1951-I. of 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908 :— Málédevi Tank ... Rs. 3,14,574 Pravara Left Bank Canal ... 3,47,550 Lákh Canal ... 3,71,891 Rs. 10,34,015 Net amount shown in this account.. 1,16,70,592

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—*Capital Account for, and to end of,* 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	7,678	...	7,678	7,678	7,678
B. Land	19,056	...	19,056	19,056	19,056
C. Masonry Works	8,82,680	...	8,82,680	8,82,680	8,82,680
K. Buildings	11,459	...	11,459	11,459	11,459
L. Earth-work	1,16,773	...	1,16,773	1,16,773	1,16,773
P. Maintenance	5,610	...	5,610	5,610	5,610
Total, Head Works ...	10,43,256	...	10,43,256	10,43,256	10,43,256
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,306	—678	628	1,349	349
B. Land	2,988	971	3,959	10,417	2,102
C. Masonry Works	1,36,080	1,191	1,37,271	1,84,714	1,25,966
C (*b*). Falls and Weirs	392	...	392	392	392
C (*c*). River and Hill Torrent Works .	71,143	...	71,143	.....	.....
C (*e*). Bridges	718	...	718	.....	.....
K. Buildings	11,990	...	11,990	6,148	6,148
L. Earth-work	1,56,281	9,852	1,66,133	2,02,979	92,086
M. Plantations	5,183	...	5,183	5,183	5,183
O. Miscellaneous	4,877	...	4,877	320	.....
P. Maintenance	.....	...	.....	250	.....
Total, Main Canals and Branches ...	3,90,958	11,336	4,02,294	4,11,752	2,32,226
(3)—*Distributaries.*					
A. Preliminary Expenses ...	7,662	...	7,662	6,717	6,717
B. Land	3,221	...	3,221	3,221	3,221
C. Masonry Works	5,373	...	5,373	5,373	5,373
L. Earth-work	7,794	...	7,794	7,794	7,794
O. Miscellaneous	18,259	541	18,800	37,659	18,259
Total, Distributaries ...	42,309	541	42,850	60,764	41,364
Total, I.—Works ...	14,76,523	11,877	14,88,400	15,15,772	13,16,846
Carried over ...	14,76,523	11,877	14,88,400	15,15,772	13,16,846

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKÁPUR TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918—continued.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1910.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	14,76,523	11,877	14,88,400	15,15,772	13,16,846
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ..	63,466	468	63,934	3,16,581	57,852
3. Executive	2,42,230	2,019	2,44,249		2,15,153
4. Medical	2,810	...	2,810		2,810
Total, II.—Establishment ...	3,08,506	2,487	3,10,993	3,16,581	2,75,815
III.—TOOLS AND PLANT ...	58,165	178	58,343	58,619	55,775
Grand Total ...	18,43,194	14,542	18,57,736	18,90,972	16,48,436
V.—*Less*—Receipts on Capital Account	2,132	...	2,132	2,132	2,132
Net Outlay ...	18,41,062	14,542	18,55,604	18,88,840	16,46,304
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works .	18,06,746	14,542	18,21,288	18,88,840	16,11,988
Do. 43.—Minor Works and Navigation ...	34,316	...	34,316		34,316
Total ...	18,41,062	14,542	18,55,604	18,88,840	16,46,304

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	76,290	7,298	83,588	1. Head Works	1,672	1,531	3,203
3. Sales of water ...	4	10	14	2. Main Canals and Branches	531	4,231	4,762
6. Other canal produce	195	64	259	Total ...	2,203	5,762	7,965
9. Rents of Buildings.	285	...	285	II.—MAINTENANCE AND REPAIRS.			
10. Fines	61	...	61	1 Head Works	22,586	4,942	27,528
11. Miscellaneous Receipts	1,668	228	1,896	2. Main Canals and Branches	24,405	2,971	27,376
				3. Distributaries ...	2,630	530	3,160
Total ...	78,503	7,600	86,103	Total ...	49,621	8,443	58,064
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,339	625	2,964
				3. Executive	32,322	7,611	39,933
II.—INDIRECT RECEIPTS.				Total ...	34,661	8,236	42,897
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	V.—TOOLS AND PLANT ...	2,597	209	2,806
				VI.—REFUNDS OF REVENUE	36	...	36
				Total ...	89,118	22,650	1,11,768
				Share of Collection Charges in the Civil Department	3,819	365	4,184
Total, Receipts ...	78,503	7,600	86,103	Indirect Charges debitable to Revenue Account as per Account No. 5	4,852	1,153	6,005
				Total, Charges ...	97,789	24,168	1,21,957
				Balance Net Revenue ...	—19,286	—16,568	—35,854
Grand Total ...	78,503	7,600	86,103	Grand Total ...	78,503	7,600	86,103

N.B.—Construction Estimate closed on 31st March 1910—*vide* G. R. No. 872, dated 1st April 1910.
Completion Report approved in G. R. No. 443, dated 3rd March 1911.

Note—Loss of Revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17, *vide* Government Resolution No. A.I.-12327, dated 18th December 1917, Rs. 4,385.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

CHANKA'PUR TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917 .	6,55,216	Net revenue realized to end of 1916-1917 .	—19,286
		Do. during 1917-1918...	—16,568
Interest charges for the year 1917-1918 ...	64,193		—35,854
		Balance net interest charges ...	7,55,263
Total ...	7,19,409	Total ...	7,19,409

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,297	.....	17,297
2. Leave and Pension Allowances	43,830	348	44,178
Total ..	61,127	348	61,475
REVENUE—			
2. Leave and Pension Allowances	4,852	1,153	6,005

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	12,04,069	1,12,777	13,16,846	1,71,554	1,98,926	27,372	14,88,400	Government Resolution, (Public Works Department) No. W. I.-3923 dated 11th April 1917.
Establishment ...	2,51,351	24,464	2,75,815	35,178	40,766	5,588	3,10,993	
Tools and Plant ...	62,947	—7,172	55,775	2,568	2,844	276	58,343	
Total ...	15,18,367	1,30,069	16,48,436	2,09,300	2,42,536	33,236	18,57,736	
Less—Receipts on Capital Account.	2,132	...	2,132	...	...	...	2,132	
Net Total ...	15,16,235	1,30,069	16,46,304	2,09,300	2,42,536	33,236	18,55,604	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	16,235	1,037	17,272	25	2,000	1,975	17,297	
Leave and Pension Allowances ...	35,829	3,424	39,253	4,925	5,707	782	44,178	
Total ...	52,064	4,461	56,525	4,950	7,707	2,757	61,475	
Grand Total ...	15,68,299	1,34,530	17,02,829	2,14,250	2,50,243	35,993	19,17,079	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimates closed on 31st March 1916).	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	5,480	...	5,480	5,480	5,480
B. Land	9,16,146	543	9,16,689	9,17,341	9,15,341
C. Works	31,54,749	2,401	31,57,150	31,74,146	31,39,435
K. Buildings	42,777	...	42,777	42,777	42,777
O. Miscellaneous	152	...	152	152	152
P. Maintenance	18,007	...	18,007	18,007	18,007
Total, Head Works ...	41,37,311	2,944	41,40,255	41,57,903	41,21,192
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	29,652	...	29,652	29,652	29,652
B. Land	1,07,353	123	1,07,476	1,06,806	1,06,542
D. Regulators	29,752	...	29,752	30,011	28,177
F. River and Hill Torrent Works ...	11,00,234	775	11,01,009	11,04,340	10,86,087
G. Bridges	1,03,187	612	1,03,799	1,07,987	92,651
H. Escapes	20,437	...	20,437	20,431	18,989
K. Buildings	1,90,170	862	1,91,032	1,90,770	1,88,165
L. Earth-work	17,43,431	6,725	17,50,156	17,45,325	17,18,741
M. Plantations	8,907	...	8,907	8,907	8,907
O. Miscellaneous	12,680	2,670	15,350	12,680	12,680
P. Maintenance	16,033	...	16,033	16,318	15,318
Total, Main Canals and Branches ...	33,61,836	11,767	33,73,603	33,73,227	33,05,909
(3)—*Distributaries.*					
A. Preliminary Expenses	8,762	...	8,762	8,762	8,762
B. Land	28,063	...	28,063	30,081	26,513
C. Works	1,04,720	6,417	1,11,137	1,10,729	1,00,642
L. Earth-work	1,73,687	693	1,74,380	1,73,917	1,73,319
O. Miscellaneous	2,01,650	7,507	2,09,157	2,04,266	1,65,968
Total, Distributaries ...	5,16,882	14,617	5,31,499	5,27,755	4,75,204
Liabilities on Completed Works ...	...	...	...	3,967	...
Total, I.—Works ..	80,16,029	29,328	80,45,357	80,62,852	79,02,305
II.—Establishment.					
1 & 2. Direction and Accounts	3,41,123	1,005	3,42,128	12,72,955	3,37,277
3. Executive	9,39,836	12,227	9,52,063		9,05,394
Total, Establishment ...	12,80,959	13,232	12,94,191	12,72,955	12,42,671
III.—Tools and Plant	2,23,224	—162	2,23,062	2,24,255	2,22,141
IV.—Suspense Accounts	2,856	—2,856	...	2,245	2,245
Grand Total ...	95,23,068	39,542	95,62,610	95,62,307	93,69,362
V.—*Less*—Receipts on Capital Account ...	2,026	...	2,026	2,026	2,026
Net Outlay ...	95,21,042	39,542	95,60,584	95,60,281	93,67,336
Apportionment.					
Chargeable to 35—Construction of Protective Irrigation Works	95,21,042	39,542	95,60,584	95,60,281	93,67,336

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	6,129	155	6,284
				2. Main Canals and Branches	2,842	6,728	9,570
				3. Distributaries ...	...	386	386
1. Water-rates from Irrigation ...	8,74,511	2,10,365	10,84,876	Total ...	8,971	7,269	16,240
3. Sales of water ..	2,317	521	2,838	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	1,228	61	1,289	1. Head Works ...	43,390	10,160	53,550
6. Other canal produce	1,652	496	2,148	2. Main Canals and Branches ...	2,72,012	58,613	3,30,625
				3. Distributaries ..	25,258	8,630	33,888
8. Navigation ...	2	...	2	Total ...	3,40,660	77,403	4,18,063
9. Rents of buildings .	2,469	704	3,173	IV.—ESTABLISHMENT.			
10. Fines	2,316	406	2,722	1 & 2. Direction and Accounts ...	14,162	3,603	17,765
11. Miscellaneous receipts	28,848	4,240	33,088	3. Executive	1,45,289	40,583	1,85,872
				Total ...	1,59,451	44,186	2,03,637
Total ...	9,13,343	2,16,793	11,30,136	V.—TOOLS AND PLANT ...	4,492	1,201	5,693
				VI.—REFUNDS OF REVENUE	28,273	18	28,291
				Total ...	5,41,847	1,30,077	6,71,924
II.—INDIRECT RECEIPTS.				Share of Collection Charges in the Civil Department	44,723	10,665	55,388
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Indirect Charges debitable to Revenue Account as per Account No. 5	22,321	6,186	28,507
Total, Receipts ...	9,13,343	2,16,793	11,30,136	Total Charges ...	6,08,891	1,46,928	7,55,819
				Balance Net Revenue ...	3,04,452	69,865	3,74,317
Grand Total ..	9,13,343	2,16,793	11,30,136	Grand Total ...	9,13,343	2,16,793	11,30,136

N. B.—Construction Estimate closed on 31st March 1916, *vide* Government Order No. A.-I.. 3470, dated 28th March 1916.

Note—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A. I.—12327, dated 18th December 1917 –Rs. 31,760.

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

GODA'VARI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917	20,50,516	Net Revenue realized to end of 1916-1917	3,04,452
		Net Revenue realized during 1917-1918.	69,865
Interest charges for the year 1917-1918.	3,31,352		3,74,317
		Balance Net Interest charges ...	20,07,551
Total ...	23,81,868	Total ...	23,81,868

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	3,08,523	611	3,09,134
2. Leave and Pension Allowances	1,79,332	1,852	1,81,184
Total ...	4,87,855	2,463	4,90,318
REVENUE—			
2. Leave and Pension Allowances	22,321	6,186	28,507

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Works ...	78,92,733	9,572	79,02,305	1,48,052	1,60,547	17,495	80,45,357	Extract paragraph 1 of Government of India (Public Works Department) letter No. 594-I, dated 31st October 1917, communicated under Government memorandum (Public Work Department) No. I-109, dated 5th January 1918 ... ... 2,00,549 Government Order (Public Work Department) No. 5971, dated 15th June 1917 ... ... 2,468 Total ... 2,03,017
Establishment ...	12,40,613	2,058	12,42,671	51,520	30,284	—21,236	12,94,191	
Tools and Plant ...	2,21,997	144	2,22,141	921	2,114	1,193	2,23,062	
Suspense Accounts.	2,245	...	2,245	—2,245	...	2,245	...	
Total ...	93,57,588	11,774	93,69,362	1,93,248	1,92,945	—303	95,62,610	
Less—Receipts on Capital Account...	2,026	...	2,026	...	...	...	2,026	
Net Total ...	93,55,562	11,774	93,67,336	1,93,248	1,92,945	—303	95,60,584	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	3,07,005	...	3,07,005	2,129	5,832	3,703	3,09,134	
Leave and Pension Allowances ...	1,73,684	288	1,73,972	7,212	4,240	—2,972	1,81,184	
Total ...	4,80,689	288	4,80,977	9,341	10,072	731	4,90,318	
Grand Total ...	98,36,251	12,062	98,48,313	2,02,589	2,03,017	428	1,00,50,902	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

Nira Canal Including Shetphal Tank.

Canal Project.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1906.	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—Works.					
(1)—*Head Works.*					
A. Preliminary Expenses	12,512	....	12,512	12,512	12,512
B. Land	2,23,024	...	2,23,024	2,23,024	2,23,024
C. Works	18,63,213	...	18,63,213	18,63,213	18,63,213
K. Buildings	13,283	...	13,283	13,283	13,283
M. Plantations	7,053	...	7,053	7,053	7,053
O. Miscellaneous	1,547	...	1,547	1,547	1,547
P. Maintenance	3,571	...	3,571	3,571	3,571
Total, Head Works ...	21,24,203	...	21,24,203	21,24,203	21,24,203
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	19,166 / (a)11,516	12,664	43,346	43,658	19,166
B. Land	34,145	...	34,145	34,145	34,145
D. Regulators	20,697	...	20,697	20,697	20,697
F. River and Hill Torrent Works... ...	5,14,067	...	5,14,067	5,14,067	5,14,067
G. Bridges	53,443	...	53,443	53,443	53,443
K. Buildings	51,188	...	51,188	51,188	51,188
L. Earth-work	12,10,554	...	12,10,554	12,10,554	12,10,554
M. Plantations	6,928	...	6,928	6,928	6,928
N. Tanks and Reservoirs	5,58,005	...	5,58,005	5,58,005	5,58,005
O. Miscellaneous	4,027	...	4,027	4,027	4,027
P. Maintenance	11,1 7	...	11,167	11,167	11,167
Total, Main Canals and Branches ...	24,94,903	12,664	25,07,567	25,07,889	24,83,387
Carried over ...	46,19,106	12,664	46,31,770	46,32,092	46.07,590

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT—*continued.*

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS—*continued.*

NIRA CANAL, INCLUDING SHETPHAL TANK—*continued.*

CANAL PROJECT—*continued.*

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (Construction estimates closed on 31st March 1917).	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	46,19,106	12,664	46,31,770	46,32,092	46,07,590
I.—WORKS.					
(3)—*Distributaries.*					
A. Preliminary Expenses	3,493	...	3,493	3,493	3,493
B. Land	12,192	...	12,192	12,192	12,192
C. Works	98,599	...	98,599	98,599	98,599
L. Earth-work	93,077	...	93,077	93,077	93,077
M. Plantations	8,715	...	8,715	8,715	8,715
Total Distributaries ...	2,16,076	...	2,16,076	2,16,076	2,16,076
Total, I.—Works ...	48,35,182	12,664	48,47,846	48,48,168	48,23,666
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	3,01,169 (a)518	497	3,02,184	11,66,470	3,01,169
3. Executive	7,69,246 (a)1,958	25,570	7,96,774		7,69,246
4. Medical	11,004	...	11,004		11,004
5. Special Survey...	77,065	...	77,065		77,065
Total, Establishment ...	11,60,960	26,067	11,87,027	11,66,470	11,58,484
III.—Tools and Plant ...	1,22,968 (a)173	9,626	1,32,767	1,23,349	1,22,968
Grand Total ...	61,19,283	48,357	61,67,640	61,37,987	61,05,118
V.—*Less*—Receipts on Capital Account ...	8,382	...	8,382	8,3	8,382
Net Outlay	61,10,901	48,357	61,59,258	61,29,605	60,96,736
Apportionment.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	52,87,971 (a)1,277	48,357	53,37,605	61,29,605	52,87,971
Do. 43.—Minor Works and Navigation	8,08,765 (a)12,888	...	8,21,653		8,08,765
Total ...	61,10,901	48,357	61,59,258	61,29,605	60,96,736

(a) The expenditure incurred in previous years under the following heads has been brought forward in this column—*vide* Government Order (Public Works Department) No. 12135, dated 14th December 1917.

	Works.	Establishment.	Tools and Plant.	Total.
	Rs.	Rs.	Rs.	Rs.
35.—Protective Irrigation Works, Works for which neither Capital nor Revenue accounts are kept	1,038	223	16	1,277
43.—Minor Works and Navigation, Works for which neither Capital nor Revenue accounts are kept	10,478	2,253	157	12,888
Total ...	11,516	2,476	173	14,165

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	68,28,462	4,15,565	72,44,027	1. Head Works	15,723	3,851	19,574
3. Sales of water ...	2,536	54	2,590	2. Main Canals and Branches	54,214	8,458	62,672
4. Water-supply of towns	1	...	1	3. Distributaries ...	20,992	2,610	23,602
5. Plantations ...	64,136	1,125	65,261	4. Drainage and Protective Works	4,737	...	4,737
6. Other canal produce	3,601	8,113	11,714	Total ...	95,666	14,919	1,10,585
8. Navigation ...	30	...	30				
9. Rents of buildings	8,123	362	8,485				
10. Fines	7,492	...	7,492	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	48,055	1,361	49,416	1. Head Works	1,39,287	10,785	1,50,072
				2. Main Canals and Branches	5,60,455	29,676	5,90,131
Total ...	69,62,436	4,26,580	73,89,016	3. Distributaries	1,68,801	4,473	1,73,274
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works	983	...	983
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	8,69,526	44,984	9,14,460
				III.—COMPENSATION ...	5	...	5
Total, Receipts ...	69,62,438	4,26,580	73,89,016				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	73,208	2,488	75,696
				3. Executive	7,86,959	49,001	8,35,960
				4. Medical	3,724	...	3,724
				Total ...	8,63,891	51,489	9,15,380
				V.—TOOLS AND PLANT ...	40,554	55	40,609
Carried over ...	69,62,436	4,26,580	73,89,016	Carried over ...	18,69,642	1,11,397	19,81,039

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL, INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	69,62,436	4,26,580	73,89,016	Brought forward ...	18,69,642	1,11,397	19,81,039
				VI.—REFUNDS OF REVENUE	13,254	483	13,737
				Total ...	18,82,896	1,11,880	19,94,776
				Share of Collection Charges in the Civil Department	3,41,776	20,778	3,62,554
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,20,944	7,209	1,28,153
				Total Charges ...	23,45,616	1,39,867	24,85,483
				Balance Net Revenue ...	46,16,820	2,86,713	49,03,533
Grand Total ...	69,62,436	4,26,580	73,89,016	Grand Total ...	69,62,436	4,26,580	73,89,016

N.B.—Last Capital Account detailed in the Administrative Accounts for 1915-16. Construction Estimate of the Nira Canal closed on 31st March 1899—*vide* Government Resolution No. 1847, dated 2nd April 1900.
Construction Estimate of the Shetphal Tank closed on 31st March 1906—*vide* Government Resolution No. 2434, dated 2nd October 1905.
Completion Report approved in Government Resolution No. 2367, dated 3rd December 1907.
Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi Season 1916-17—*vide* Government Resolution No. A. I.—12327, dated 18th December 1917—Rs. 7,305.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-17.	69,38,290	Net revenue realized to end of 1916-17.	46,16,820
		Do. during 1917-18.	2,86,713
Interest charges for the year 1917-18...	2,13,071		49,03,533
		Balance net Interest charges	22,47,828
Total ...	71,51,361	Total ...	71,51,361

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	1,84,874	.....	1,84,874
2. Leave and Pension Allowances	1,79,461 (*a*)347	3,649	1,83,457
Total ...	3,64,682	3,649	3,68,331
REVENUE—			
2. Leave and Pension Allowances	1,20,944	7,209	1,28,153

Vide note (*a*) under 2 Capital Account.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA CANAL INCLUDING SHETPHAL TANK.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works ...	47,68,387	55,279	48,23,636	24,180	24,502	322	48,47,846	Rs. 5,891 + 29,445 = 35,336
Establishment ...	11,46,855	11,629	11,58,484	28,543	7,986	—20,557	11,87,027	... ...
Tools and Plant ...	1,26,141	—3,173	1,22,968	9,799	381	—9,418	1,32,767	Total
Total ...	60,41,383	63,735	61,05,118	62,522	32,869	—29,653	61,67,640	Government Order (Public Works Department), No. 6828 dated 9th July 1917 Government Order (Public Works Department), No. 5370, dated 21st May 1918
Less—Receipts on Capital Account ...	8,382	...	8,382	...	...	...	8,382	
Net Total ...	60,33,001	63,735	60,96,736	62,522	32,869	—29,653	61,59,258	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	1,83,159	1,715	1,84,874	...	1,350	1,350	1,84,874	
Leave and Pension Allowances ...	1,77,833	1,628	1,79,461	3,996	1,117	—2,879	1,83,457	
Total ...	3,60,992	3,343	3,64,335	3,996	2,467	—1,529	3,68,331	
Grand Total ...	63,93,993	67,078	64,61,071	66,518	35,336	—31,182	65,27,589	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	7,17,876	36,902 (a) 193	7,54,971	1. Head Works ...	17,901	500	18,401
3. Sales of water ...	556	60	616	2. Main Canals and Branches ...	2,048	...	2,048
4. Water-supply of towns.	29,846	...	29,846	3. Distributaries ...	2,360	...	2,360
5. Plantations ...	24,698	1,313	26,696	Total ...	22,309	500	22,809
6. Other canal produce		685		II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	1,249	30	1,279	1. Head Works ...	53,587	1,301	54,888
10. Fines	185	...	185	2. Main Canals and Branches ...	1,09,122	1,996	1,11,118
11. Miscellaneous receipts	35,641	35	35,676	3. Distributaries ...	64,940	2,960	67,900
Total ...	8,10,051	39,218	8,49,269	Total ...	2,27,649	6,257	2,33,906
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	75	...	75
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	23,315	304	23,619
				3. Executive	1,63,435	6,593	1,70,028
				4. Medical	66	...	66
				Total ..	1,86,816	6,897	1,93,713
Total Receipts ...	8,10,051	39,218	8,49,269				
				V.—TOOLS AND PLANT ...	5,586	101	5,687
Carried over ...	8,10,051	39,218	8,49,269	Carried over ...	4,42,435	13,755	4,56,190

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

MHASWAD TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	8,10,051	39,218	8,49,269	Brought forward ...	4,42,435	13,755	4,56,190
				VI.—REFUNDS OF REVENUE	263	85	348
				Total ...	4,42,698	13,840	4,56,538
				Share of Collection Charges in the Civil Department	37,284	1,718 (a) 193	39,195
				Indirect Charges debitable to Revenue Account as per Account No. 5	26,213	966	27,177
				Total Charges ...	5,06,193	16,717	5,22,910
				Balance Net Revenue ...	3,03,858	22,501	3,26,359
Grand Total ...	8,10,051	39,218	8,49,269	Grand Total ...	8,10,051	39,218	8,49,269

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907.
Construction Estimate closed on 31st March 1901, *vide* Government Resolution No. 1197, dated 10th June 1901.
Completion Report approved in Government Resolution No. 1106, dated 22nd April 1903.
(*a*) Amount adjusted by credit to Water rates and debit *per contra* on account of collection charges for the revenue realized by the Aundh State.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A. I. 12327, dated 18th December 1917—Rs. 2494.

No. 4.—*Interest Account for, and to end of,* 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
		Net revenue realized to end of 1916-1917.	3,03,858
		Do. during 1917-1918.	22,501
Total Interest charges to end of 1916-1917	25,97,544		3,26,359
Interest charges for the year 1917-1918 .	69,653	Balance net Interest charges	23,40,838
Total ...	26,67,197	Total ...	26,67,197

No. 5.—*Account of Indirect Charges for, and to end of,* 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	58	.....	58
2. Leave and Pension Allowances	26,153	966	27,119
Total ...	26,211	966	27,177

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

MA'LA'DEVI TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1917-191J.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917...	2,00,849	Net Revenue realized to end of 1916-1917...	.....
		Do. during 1917-1918 ...	.....
			.....
Interest charges for the year 1917-1918 ...	10,490	Balance net Interest charges	2,11,339
Total ...	2,11,339	Total ...	2,11,339

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	875	.....	875
2. Leave and Pension Allowances	9,013	.....	9,013
Total ...	9,888	.....	9,888

Last No. 2 Capital account detailed in the Administration Accounts for 1916-17.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanction.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	2,42,869	2,43,319	450	2,42,869	This work is a part of the Pravara River Irrigation Project, but separate account has been maintained until the new project is completed sufficiently to give an increased supply of water to the other canals—*vide* Government of India's No. 1951-I, dated 18th September 1908, communicated in Government Resolution No. 2721 of 20th October 1908. Estimate amounting to Rs. 3,14,574 for direct and indirect charges included in the above project sanctioned in the Secretary of State's Despatch No. 37-P. W., dated 31st August 1917, communicated in Government of India's No. 613-I. of 16th November 1917—*vide* Government Resolution No. 3848 of 4th April 1918—has been shown here.
Establishment ...	...	...	...	60,546	60,653	107	60,546	
Tools and Plant...	...	...	...	1,473	1,473	...	1,473	
Suspense Accounts	...	...	...	...	...	...	...	
Total ...	...	...	...	3,04,888	3,05,445	557	3,04,888	
Less—Receipts on Capital Account.	...	...	...	2,848	774	—2,074	2,848	
Net Total ...	...	...	...	3,02,040	3,04,671	2,631	3,02,040	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue.	...	...	...	875	875	...	875	
Leave and Pension Allowances ...	...	...	...	9,013	9,028	15	9,013	
Total ...	...	...	...	9,888	9,903	15	9,888	
Grand Total ...	...	...	...	3,11,928	3,14,574	2,646	3,11,928	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—Head Works.					
A. Preliminary Expenses	836	...	836	1,600	...
B. Land	8,174	...	8,174	30,204	...
C. Masonry Works	45,988	...	45,988	1,50,393	...
K. Buildings	5,696	...	5,696	5,696	...
L. Earth-work	3,28,697	...	3,28,697	7,63,398	...
O. Miscellaneous	4,993	50	5,043	7,707	...
P. Maintenance	3,676	312	3,988	3,973	...
Total, Head Works ...	3,98,060	362	3,98,422	9,62,971	...
(2)—Main Canals and Branches.					
Total, Main Canals and Branches ...	...	...	...	*1,66,500	...
Total, I.—Works ...	3,98,060	362	3,98,422	11,29,471	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	19,460	16	19,476	54,973	...
3. Executive	70,079	62	70,141	1,97,617	...
Total, II.—Establishment ...	89,539	78	89,617	2,52,590	...
III.—TOOLS AND PLANT ...	5,026	5	5,031	16,468	...
Grand Total ...	4,92,625	445	4,93,070	13,98,529	...
V.—*Less*—Receipts on Capital Account ...	1,589	191	1,780	...	...
Net Outlay ...	4,91,036	254	4,91,290	13,98,529	...
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ...	36,165	254	36,419	13,98,529	...
Do. 43.—Minor Works and Navigation	29,588	...	29,588		
Do. 33.—Famine Relief ...	4,25,283	...	4,25,283		
Total ...	4,91,036	254	4,91,290	13,98,529	...

* Lump sum provision in the Estimate.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

BUDHIHAL TANK.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917...	2,00,496	Net Revenue realized to end of 1916-1917...	.....
		Do. during 1917-1918...	.....
			.....
Interest charges for the year 1917-1918 ...	17,058	Balance net Interest charges ...	2,17,554
Total ...	2,17,554	Total ...	2,17,554

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	5,741	.....	5,741
2. Leave and Pension Allowances	12,536	11	12,547
Total ...	18,277	11	18,288

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	3,98,422	11,29,471	7,31,049	3,98,422	Estimate sanctioned in the Secretary of State's Despatch No. 21 of 14th April 1905, as per Government of India's No. 793—I of 17th June 1905, communicated in Government Resolution No. 2002 of 1st August 1905.
Establishment ...	...	...	...	89,617	2,52,590	1,62,973	89,617	
Tools and Plant .	...	...	...	5,031	16,468	11,437	5,031	
Total ...	...	...	...	4,93,070	13,98,529	9,05,459	4,93,070	
Less—Receipts on Capital Account.	...	...	...	1,780	...	—1,780	1,780	
Net Total ...	...	...	...	4,91,290	13,98,529	9,07,239	4,91,290	
INDIRECT CHARGES								
Capitalized abatement of Land Revenue ...	...	...	...	5,741	20,720	14,979	5,741	
Leave and Pension Allowances ...	...	...	...	12,547	35,362	22,815	12,547	
Total ...	...	...	...	18,288	56,082	37,794	18,288	
Grand Total ...	...	...	...	5,09,578	14,54,611	9,45,033	5,09,578	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ...	39,876	...	39,876	20,000	.....
B. Land	29,861	2,503	32,364	3,59,630	.....
C. Works	26,60,244	6,19,945	32,80,189	68,96,716	.....
K. Buildings	90,768	108	90,876	93,207	.....
O. Miscellaneous	54,400	1,574	55,974	75,230	.....
P. Maintenance	40,123	9,857	49,980	40,647	.....
Total, Head Works ...	29,15,272	6,33,987	35,49,259	74,85,430	.....
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	2,23,563	72	2,23,635	1,72,538	.....
B. Land	1,64,251	2,336	1,66,587	2,03,625	.....
D. Regulators	.....	...	.....	1,68,981	.....
F. River and Hill Torrent Works ...	3,40,459	2,43,542	5,84,001	23,86,367	.....
G. Bridges	62,860	26,109	88,969	1,98,572	.....
H. Escapes	1,243	...	1,243	1,050	.....
K. Buildings	1,84,112	4,047	1,88,159	2,55,500	.....
L. Earth-work	49,21,480	3,49,906	52,71,386	63,43,621	.....
M. Plantations	21,298	5,025	26,323	35,000	.....
O. Miscellaneous	5,122	10,565	15,687	4,169	.....
P. Maintenance	22,167	9,313	31,480	90,000	.....
Total, Main Canals and Branches ...	59,46,555	6,50,915	65,97,470	98,59,423	.....
(3)—*Distributaries.*					
A. Preliminary Expenses ..	25,202	20,355	45,557	.....	.....
B. Land	.....	...	.....	1,47,480	.....
C. Works	4,651	...	4,651	27,99,937	.....
Total, Distributaries ...	29,853	20,355	50,208	29,47,417	.....
Total, I.—Works ...	88,91,680	13,05,257	1,01,96,937	2,02,92,270	.....
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,76,971	49,325	3,26,296	43,54,327	.....
3. Executive	10,01,574	2,21,696	12,23,270		
Total, Establishment ...	12,78,545	2,71,021	15,49,566	43,54,327	.....
III.—TOOLS AND PLANT	5,58,834	32,969	5,91,803	3,25,271	.....
IV.—Suspense Accounts	17,660	1,10,850	1,28,510	.....	.....
Grand Total ...	1,07,46,719	17,20,097	1,24,66,816	2,49,71,868	.....
V.—*Less*—Receipts on Capital Account	7,307	2,533	9,840	.....	.....
Net Outlay ...	1,07,39,412	17,17,564	1,24,56,976	2,49,71,868	.....
APPORTIONMENT.					
Chargeable to 35.—Construction of Protective Irrigation Works ..	1,07,39,412	17,17,564	1,24,56,976	2,49,71,868	.....

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

35.—PROTECTIVE IRRIGATION WORKS.

NIRA RIGHT BANK CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-17.	8,55,960	Net Revenue realized to end of 1916-17.	.....
		Net Revenue realized during 1917-18 .	.....
Interest charges for the year 1917-18 ...	4,02,805		.....
		Balance net Interest charges ...	12,58,765
Total ...	12,58,765	Total ...	12,58,765

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	57,637	504	58,141
2. Leave and Pension Allowances	1,78,996	37,943	2,16,939
Total ...	2,36,633	38,447	2,75,080

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current sanctions.	Remarks
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	1,01,96,937	2,02,92,270	1,00,95,333	1,01,96,937	Estimate sanctioned in Secretary of State's Despatch No. P. W.-30, dated 14th June 1912—*vide* Government of India's No. 697-I., dated 16th July 1912, communicated in Government Resolution No. 7653, dated 21st August 1912.
Establishment ...	...	...	...	15,49,566	43,54,327	28,04,761	15,49,566	
Tools and Plant ...	...	...	...	5,91,803	3,25,271	—2,66,532	5,91,803	
Suspense Accounts ...	...	...	...	1,28,510	...	—1,28,510	1,28,510	
Total ...	...	...	...	1,24,66,816	2,49,71,868	1,25,05,052	1,24,66,816	
Less—Receipts on Capital Account	...	...	...	9,840	...	—9,840	9,840	
Net Total ...	...	...	...	1,24,56,976	2,49,71,868	1,25,14,892	1,24,56,976	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	58,141	1,91,025	1,32,884	58,141	
Leave and Pension Allowances	...	...	...	2,16,939	6,09,606	3,92,667	2,16,939	
Total ...	...	...	...	2,75,080	8,00,631	5,25,551	2,75,080	
Grand Total ...	...	...	...	1,27,32,056	2,57,72,499	1,30,40,443	1,27,32,056	

N.B.—From the sanctioned provision of works Rs. 41,293 have been transferred to that of Tools and Plant—*vide* Government Resolution No. A. I.—1988, dated 17th February 1915, and No. A. I.—4435, dated 26th April 1916.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction Estimate closed on 31st March 1892.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—Works.	Rs	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
C. Works	63,481	...	63,481	63,481	63,481
K. Buildings	3,620	...	3,620	3,620	3,620
Total, Head Works ...	67,101	...	67,101	67,101	67,101
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,425	...	1,425	1,425	1,425
B. Land	2,095	...	2,095	2,095	2,095
D. Regulators	1,29,125	482	1,29,607	1,33,621	1,29,125
E. Falls and Weirs	75,450	...	75,450	75,450	75,450
F. River and Hill Torrent Works ...	3	...	3	3	3
G. Bridges	79,136	...	79,136	79,136	79,136
H. Escapes	15,835	...	15,835	15,835	15,835
I. Navigation Works	6,665	...	6,665	6,665	6,665
K. Buildings	72,274	...	72,274	72,274	72,274
L. Earth-work	14,50,445	...	14,50,445	14,57,360	14,50,445
M. Plantations	1,507	...	1,507	1,507	1,507
O. Miscellaneous	15,117	...	15,117	15,117	15,117
P. Maintenance	6,908	...	6,908	6,908	6,908
Total, Main Canals and Branches ...	18,55,985	482	18,56,467	18,67,396	18,55,985
(3)—*Distributaries.*					
A. Preliminary Expenses	50	...	50	50	50
B. Land	313	...	313	313	313
C. Works	1,03,320	...	1,03,320	1,03,665	1,03,320
L. Earth-work	1,05,205	...	1,05,205	1,05,205	1,05,205
Total Distributaries ...	2,08,888	...	2,08,888	2,09,233	2,08,888
Total, I.—Works ...	21,31,974	482	21,32,456	21,43,730	21,31,974
II.—Establishment.					
1 & 2. Direction and Accounts ...	1,11,545	22	1,11,567	} 4,85,803	{ 1,11,545
3. Executive	3,71,730	82	3,71,812		{ 3,71,730
Total Establishment ...	4,83,275	104	4,83,379	4,85,803	4,83,275
III.—Tools and Plant	25,679	...	25,679	25,855	25,679
IV.—Suspense Accounts	.....	...	.....	.....	.....
Grand Total ...	26,40,928	586	26,41,514	26,55,388	26,40,928
V.—*Less*—Receipts on Capital Account	37	...	37	37	37
Net Outlay ...	26,40,891	586	26,41,477	26,55,351	26,40,891
Apportionment.					
Chargeable to 49—Irrigation ...	19,35,443	586	19,36,029	19,49,903	19,35,443
Chargeable to 43.—Minor Works and Navigation ...	7,05,448	...	7,05,448	7,05,448	7,05,448
Total ...	26,40,891	586	26,41,477	26,55,351	26,40,891

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	19,68,654	70,384	20,39,038	1. Head Works ..	4,789	...	4,789
5. Plantations ...	5,007	70	7,086	2. Main Canals and Branches ...	1,90,090	5,775	1,95,865
6. Other canal produce ...		2,009		3. Distributaries ...	48,299	...	48,299
9. Rents of buildings .	9,726	319	10,045	Total ...	2,43,178	5,775	2,48,953
10. Fines ...	16,015	1,916	17,931				
11. Miscellaneous receipts ...	21,517	1,975	23,492	II.—MAINTENANCE AND REPAIRS.			
Total ...	20,20,919	76,673	20,97,592	1. Head Works ...	43,743	...	43,743
				2. Main Canals and Branches ...	22,44,017	60,692	23,04,709
II.—INDIRECT RECEIPTS.				3. Distributaries ...	41,270	...	41,270
Irrigation share of Land Revenue collected in the Civil Department.	65,35,239	3,73,344	69,08,583	Total ...	23,29,030	60,692	23,89,722
				III.—COMPENSATION ...	279	...	279
Four per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	41,302	2,165	43,468	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,14,213	1,353	1,15,566
				3. Executive ...	3,98,159	23,820	4,21,979
				Total ...	5,12,372	25,173	5,37,545
				V.—TOOLS AND PLANT ...	24,704	1,105	25,809
Total ...	65,76,542	3,75,509	69,52,051	VI.—REFUNDS OF REVENUE ...	7,245	...	7,245
Total, Receipts ...	85,97,461	4,52,182	90,49,643	Total ..	31,16,808	92,745	32,09,553
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and also on lands in Biluchistan Territory, and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1916-1917. 18,91,985 Loss for 1917-1918... 96,422 Total ...19,88,407				Share of Collection Charges in the Civil Department	4,74,202	22,563	4,96,765
				Indirect Charges debitable to Revenue Account as per Account No. 5	78,496	4,564	83,060
				Total, Charges ...	36,69,506	1,19,872	37,89,378
				Balance Net Revenue ...	49,27,955	3,32,310	52,60,265
Grand Total ...	85,97,461	4,52,182	90,49,643	Grand Total ...	85,97,461	4,52,182	90,49,643

N.B.—Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 1760, dated 10th November 1893.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917 ...	25,78,154	Net Revenue realized to end of 1916-1917 ...	49,27,955
		Do. during 1917-1918 ...	3,32,310
Interest charges for the year 1917-1918 ...	91,728		52,60,265
		Balance net Interest charges	—25,90,383
Total ...	26,69,882	Total ...	26,69,882

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	2,284	...	2,284
2. Leave and Pension Allowances	77,381	15	77,396
Total ...	79,665	15	79,680
REVENUE—			
1. Capitalized abatement of Land Revenue	4,727	1,040	5,767
2. Leave and Pension Allowances	73,769	3,524	77,293
Total ...	78,496	4,564	83,060

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

DESERT CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	9,86,127	11,45,847	21,31,974	482	11,756	11,274	21,32,456	
Establishment ...	2,20,523	2,62,752	4,83,275	104	2,528	2,424	4,83,379	
Tools and Plant ...	14,280	11,399	25,679	...	176	176	25,679	
Total ...	12,20,930	14,19,998	26,40,928	586	14,460	13,874	26,41,514	
Less—Receipts on Capital Account	37	...	37	...	...	...	37	
Net Total ...	12,20,893	14,19,998	26,40,891	586	14,460	13,874	26,41,477	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	2,284	2,284	...	....	...	2,284	
Leave and Pension Allowances ...	40,598	36,783	77,381	15	354	339	77,396	
Total ..	40,598	39,067	79,665	15	354	339	79,680	
Grand Total ...	12,61,491	14,59,065	27,20,556	601	14,814	14,213	27,21,157	Government Order (Public Works Department), No. W.I.—3350 dated 25th March 1918.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,837	240	5,077	1. Head Works ...	76,109	...	76,109
4. Water-supply of towns ...	41	...	41	2. Main Canals and Branches	45,926	11,265	57,191
5. Plantations ...	1,624	46	2,619	3. Distributaries ..	7,467	...	7,467
6. Other canal produce.		949		Total ...	1,29,502	11,265	1,40,767
9. Rents of buildings.	103	...	103				
10. Fines ...	8,617	705	9,322	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts ...	5,900	64	6,544	1. Head Works ...	387	...	387
Total ...	21,122	2,584	23,706	2. Main Canals and Branches... ...	6,94,354	32,131	7,26,485
II.—INDIRECT RECEIPTS				3. Distributaries ...	11,224	...	11,224
Irrigation share of Land Revenue collected in the Civil Department	38,87,744	2,04,253	40,91,997	Total ...	7,05,965	32,131	7,38,096
Four per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	65,541	3,030	68,571	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	37,258	916	38,174
				3. Executive	91,727	14,721	1,06,448
				Total ...	1,28,985	15,637	1,44,622
Total ...	39,53,285	2,07,283	41,60,568				
Total, Receipts ...	39,74,407	2,09,867	41,84,274	V.—TOOLS AND PLANT ...	6,805	259	7,064
				Total ...	9,71,257	59,292	10,30,549
				Share of Collection Charges in the Civil Department	2,54,539	12,312	2,66,851
				Indirect Charges debitable to Revenue Account as per Account No. 5	21,442	1,020	22,462
				Total, Charges ...	12,47,238	72,624	13,19,862
				Balance Net Revenue ...	27,27,169	1,37,243	28,64,412
Grand Total ...	39,74,407	2,09,867	41,84,274	Grand Total ...	39,74,407	2,09,867	41,84,274

Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1916-1917 ...	18,321
Loss for 1917-1918 ...	1,184
Total ...	19,505

N.B.—*Last Capital Account detailed in the Administrative Accounts for 1915-16. Construction Estimate closed on 31st March 1891—vide* Government Resolution No. 1253, dated 28th July 1891. Completion Report approved in Government Resolution No. 590 dated 6th April 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

UNHARWA'H.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917 ...	6,78,430	Net Revenue realized to end of 1916-1917...	27,27,169
Interest charges for the year 1917-1918 ...	26,674	Do. during 1917-1918 ...	1,37,243
			28,64,412
		Balance net Interest charges	—21,59,308
Total ...	7,05,104	Total ...	7,05,104

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,385	82	3,467
2. Leave and Pension Allowances	18,057	938	18,995
Total ...	21,442	1,020	22,462

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

BEGARI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed or 31st March 1891.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—*Main Canals and Branches.*					
B. Land	24,888	...	24,888	27,693	409
D. Regulators	3,57,038	...	3,57,038	3,57,039	2,98,290
G. Bridges	70,650	...	70,650	70,649	66673
H. Escapes	7,092	...	7,092	7,092	7,092
I. Navigation Works	2,065	...	2,065	2,065	2,065
K. Buildings	35,779	...	35,779	35,778	22,690
L. Earth-work	10,59,759	...	10,59,759	10,59,759	9,64,207
M. Plantations	11,455	...	11,455	11,455	11,266
O. Miscellaneous	4,543	...	4,543	4,543	3,544
Total, Main Canals and Branches ...	15,73,269	...	15,73,269	15,76,073	13,76,236
(3)—*Distributaries.*					
A. Preliminary Expenses ...	9,039	...	9,039	9,039	.....
B Land	22,012	60	22,072	97,974	111
C. Works	2,16,060	...	2,16,060	2,16,436	1,79,901
L. Earth-work	1,91,510	...	1,91,510	2,18,682	10,972
Recoveries from colonists ...	...	—9,054	—9,054	...	...
Total, Distributaries ...	4,38,621	—8,994	4,29,627	5,42,131	1,90,984
Total, I—Works ...	20,11,890	—8,994	20,02,896	21,18,204	15,67,220
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	81,808	—407	81,401	3,45,519	61,758
3. Executive	2,72,426	—1,539	2,70,887		2,05,029
Total, Establishment ...	3,54,234	—1,946	3,52,288	3,45,519	2,66,787
III.—TOOLS AND PLANT ...	6,279	...	6,279	6,277	4,722
IV.—Suspense Accounts ...	.....	...	.....	.....	.....
Grand Total ...	23,72,403	—10,940	23,61,463	24,70,000	18,38,729
V.—*Less*—Receipts on Capital Account	19	...	19	19	19
Net Outlay ...	23,72,384	—10,940	23,61,444	24,69,981	18,38,710
APPORTIONMENT.					
Chargeable to 49.—Irrigation ...	23,72,384	—10,940	23,61,444	24,69,981	18,38,710

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	12,73,910	25,977	12,99,887				
3. Sales of Water ...	525	...	525	1. Head Works ...	1,255	...	1,255
4. Water-supply of Towns.	1,055	240	1,295	2. Main Canals and Branches... ...	3,26,076	2,464	3,28,540
5. Plantations ...	10,925	21	13,378	3. Distributaries ...	11,307	2,860	14,167
6. Other Canal Produce.		2,432		Total ...	3,38,638	5,324	3,43,962
9. Rents of Buildings.	245	15	260				
10. Fines ...	13,954	4,123	18,077	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	37,080	1,384	38,464	2. Main Canals and Branches... ...	30,22,748	75,439	30,98,187
Total ...	13,37,694	34,192	13,71,886	3. Distributaries ...	26,015	...	26,015
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	17,343	...	17,343
Irrigation share of Land Revenue collected in the Civil Department.	1,45,70,390	5,70,967	1,51,41,357	Total ...	30,66,106	75,439	31,41,545
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58—A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,95,251	9,250	2,04,501	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,58,007	1,741	1,59,748
				3. Executive	6,04,135	29,574	6,33,709
				Total ...	7,62,142	31,315	7,93,457
				V.—TOOLS AND PLANT ...	34,290	1,177	35,467
				VI.—REFUNDS OF REVENUE	1,751	...	1,751
Total ...	1,47,65,641	5,80,217	1,53,45,858	Suspense Account ...	...	1,971	1,971
Total, Receipts ...	1,61,03,335	6,14,409	1,67,17,744	Total ...	42,02,927	1,15,226	43,18,153
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and also on lands in Baluchistan Territory and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department	11,03,011	34,902	11,37,913
				Indirect Charges debitable to Revenue Account as per Account No. 5...	1,19,854	4,529	1,24,383
				Total, Charges ...	54,25,792	1,54,657	55,80,449
Rs. To end of 1916-1917. 21,08,461 Loss for 1917-1918. 73,633				Balance Net Revenue ...	1,06,77,543	4,59,752	1,11,37,295
Total ...21,82,094							
Grand Total ...	1,61,03,335	6,14,409	1,67,17,744	Grand Total ...	1,61,03,335	6,14,409	1,67,17,744

N.B.—Construction Estimate closed on 31st March 1891—*Vide* Government Resolution No. 1253, dated 28th July 1891.
Completion Report approved in Government Resolution No. 753, dated 11th May 1892.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

BEGA'RI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
		Net Revenue realized to end of 1916-17.	1,06,77,543
Total Interest charges to end of 1916-17	29,36,162	Do. during 1917-1918 .	4,59,752
Interest charges for the year 1917-1918.	82,203		1,11,37,295
		Balance net Interest charges	—81,18,930
Total ...	30,18,365	Total ...	30,18,365

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	17,925	.....	17,925
2. Leave and Pension Allowances	60,632	—272	60,360
Total ...	78,557	—272	78,285
REVENUE—			
1. Capitalized abatement of Land Revenue	1,973	145	2,118
2. Leave and Pension Allowances	1,17,881	4,384	1,22,265
Total ...	1,19,854	4,529	1,24,383

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	13,91,068	1,76,152	15,67,220	4,35,676	5,50,984	1,15,308	20,02,896	
Establishment ...	2,29,894	36,893	2,66,787	85,501	78,732	—6,769	3,52,288	
Tools and Plant ...	4,666	56	4,722	1,557	1,555	—2	6,279	
Total ...	16,25,628	2,13,101	18,38,729	5,22,734	6,31,271	1,08,537	23,61,463	
Less—Receipts on Capital Account ...	19	...	19	...	...	...	19	
Net Total ...	16,25,609	2,13,101	18,38,710	5,22,734	6,31,271	1,08,537	23,61,444	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	4,246	949	5,195	12,730	...	—12,730	17,925	
Leave and Pension Allowances	43,224	5,165	48,389	11,971	11,022	—949	60,360	
Total ...	47,470	6,114	53,584	24,701	11,022	—13,679	78,285	
Grand Total ...	16,73,079	2,19,215	18,92,294	5,47,435	*6,42,293	94,858	24,39,729	Second revised Estimate of the Civil Project sanctioned by the Government of India—*vide* their letter No. 730-I, dated 6th May 1914, communicated in Government Resolution No W. I.-2007, dated 23rd June 1914 ... ... Rs. 6,42,293

* Includes Rs. 68,012 on account of the cost of water-courses to be recovered from colonists.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed Estimates.
	Previous.	1917-1918.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—Main Canals and Branches.					
B. Land	62,985	—52	62,933	68,616	...
D. Regulators	1,53,899	...	1,53,899	1,61,973	...
E. Falls and Weirs	8,272	...	8,272	8,291	...
G. Bridges	44,200	...	44,200	46,358	...
K. Buildings	34,288	...	34,288	34,288	...
L. Earth-work	4,14,441	...	4,14,441	4,42,880	...
Total, Main Canals and Branches ...	7,18,085	—52	7,18,033	7,62,406	...
(3)—Distributaries.					
C. Works	69,822	...	69,822	78,946	...
L. Earth-work	79,871	...	79,871	80,121	...
Total, Distributaries ...	1,49,693	...	1,49,693	1,59,067	...
(4)—Drainage and Protective Works.					
B. Land	4,210	...	4,210	4,210	...
C. Works	50,954	...	50,954	50,954	...
L. Earth-work	2,04,631	...	2,04,631	2,04,631	...
Total, Drainage and Protective Works ...	2,59,795	...	2,59,795	2,59,795	...
Total, I.—Works ...	11,27,573	—52	11,27,521	11,81,268	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	53,589	(*a*) —116	53,473	2,54,486	...
3. Executive	1,90,404	...	1,90,404		
Total, II.—Establishment ...	2,43,993	—116	2,43,877	2,54,486	...
III.—TOOLS AND PLANT	9,500	...	9,500	9,500	
Grand Total ...	13,81,066	—168	13,80,898	14,45,254	...
V.—*Less*—Receipts on Capital Account ...	6	...	6	6	...
Net Outlay ...	13,81,060	—168	13,80,892	14,45,248	...
APPORTIONMENT.					
Chargeable to 49.—Irrigation	13,81,060	—168	13,80,892	14,45,248	...

(*a*) Written-back, *vide* note under 2 Capital Account for the year 1916-17.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,608	474	4,082				
3. Sales of Water ...	6	...	6				
5. Plantations ...	368	32	400	I.—EXTENSIONS AND IMPROVEMENTS.			
6. Other Canal Produce	1,533	260	1,793				
9. Rents of Buildings.	380	...	380	2. Main Canals and Branches	87,729	1,139	88,868
10. Fines	8,944	767	9,711	3. Distributaries ...	5,466	...	5,466
11. Miscellaneous Receipts	14,705	1,165	15,870	Total ...	93,195	1,139	94,334
Total ...	29,544	2,698	32,242				
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department	9,58,146	57,917	10,16,063	2. Main Canals and Branches ...	5,61,429	56,775	6,18,204
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	39,297	2,689	41,986	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	21,844	944	22,788
				3. Executive	—4,188	1,468	—2,720
				Total ...	17,656	2,412	20,068
				V.—TOOLS AND PLANT ...	4,661	892	5,553
Total ...	9,97,443	60,606	10,58,049	Total ...	6,76,941	61,218	7,38,159
Total, Receipts ...	10,26,987	63,304	10,90,291	Share of Collection Charges in the Civil Department	51,635	3,541	55,176
				Indirect Charges debitable to Revenue Account as per Account No. 5	5,989	338	6,327
				Total, Charges ...	7,34,565	65,097	7,99,662
				Balance Net Revenue ...	2,92,422	—1,793	2,90,629
Grand Total ...	10,26,987	63,304	10,90,291	Grand Total ...	10,26,987	63,304	10,90,291

Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1916-1917...	86,226
Loss for 1917-1918 ...	5,149
Total ...	91,375

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MAHIWAH.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total interest charges to end of 1916-1917 ...	6,89,003	Net Revenue realized to end of 1916-1917 ...	2,92,422
		Do. during 1917-1918 ...	—1,793
Interest charges for the year 1917-1918 ...	47,961		2,90,629
		Balance net Interest charges	4,46,335
Total ...	7,36,964	Total ...	7,36,964

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue...	24,649	.....	24,649
2. Leave and Pension Allowances	34,159	(*a*) —16	34,143
Total ...	58,808	—16	58,792
REVENUE—			
1. Capitalized abatement of Land Revenue	3,518	.....	3,518
2. Leave and Pension Allowances	2,471	338	2,809
Total ...	5,989	338	6,327

(*a*) *Vide* note under a Capital account.

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed sanctions.			Current Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	11,27,521	11,81,268	53,747	11,27,521	Revised Estimate sanctioned in the Secretary of State's Despatch No. 20-P.W., dated 15th July 1910, communicated in Government of India's No. 691-I., dated 8th August 1910, *vide* Government Resolution No. W. I.—2211, dated 15th October 1910 ... ... Rs. 15,17,356
Establishment ...	...	...	...	2,43,877	2,54,486	10,609	2,43,877	
Tools and Plant ...	...	...	...	9,500	9,500	...	9,500	
Total ...	...	...	...	13,80,898	14,45,254	64,356	13,80,898	
Less—Receipts on Capital Account...	...	...	...	6	6	...	6	
Net Total ...	...	...	...	13,80,892	14,45,248	64,356	13,80,892	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue...	...	...	...	24,649	36,425	11,776	24,649	
Leave and Pension Allowances ...	...	...	...	34,143	35,683	1,540	34,143	
Total ...	...	...	...	58,792	72,108	13,316	58,792	
Grand Total ..	...	...	...	14,39,684	15,17,356	77,672	14,39,684	

Note.—From the sanctioned provision of Establishment Rs. 397 have been transferred to that of Tools and Plant, *vide* para. 2 of Government Resolution No. 2228, dated 18th October 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

EASTERN NARA WORKS.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1898.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
B. Land	1,638	...	1,638	1,638	1,638
C. Works	12,33,300	...	12,33,300	12,33,300	12,33,300
K. Buildings	1,862	...	1,862	1,862	1,862
Total, Head Works ...	12,36,800	...	12,36,800	12,36,800	12,36,800
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	2,554	155	2,709	5,439	2,554
B. Land	...	...	...	3,400	...
D. Regulators	2,57,668	...	2,57,668	2,82,849	2,57,668
G. Bridges	1,61,703	...	1,61,703	1,66,248	1,61,703
H. Escapes	45,632	...	45,632	45,632	45,632
K. Buildings	93,089	...	93,089	1,13,009	93,089
L. Earth-work	7,66,537	...	7,66,537	8,84,429	7,66,537
M. Plantations	16,742	...	16,742	17,356	16,742
N. Tanks and Reservoirs	1,441	...	1,441	1,441	1,441
O. Miscellaneous	32,121	...	32,121	36,530	32,121
P. Maintenance	...	...	...	11,788	...
Total, Main Canals and Branches ...	13,77,487	155	13,77,642	15,68,121	13,77,487
(3) *Distributaries.*					
A. Preliminary Expenses	3,910	1,650	5,560	7,091	3,910
B. Land	1,539	1,111	2,650	6,150	2,650
C. Works	2,66,490	4,239	2,70,729	3,05,902	2,66,490
L. Earth-work	1,12,073	11,466	1,23,539	2,13,247	1,12,073
O. Miscellaneous	29,878	2,201	32,079	45,299	29,878
P. Maintenance	...	...	...	10,116	...
Total, Distributaries ...	4,13,890	20,667	4,34,557	5,87,805	4,15,001
(4) *Drainage and Protective Works.*					
A. Preliminary Expenses	65,327	...	65,327	65,327	65,327
B. Land	2,832	...	2,832	2,832	2,832
C. Works	2,38,182	...	2,38,182	2,38,182	2,38,182
L. Earth-work	20,29,845	...	20,29,845	20,29,845	20,29,845
O. Miscellaneous	425	...	425	425	425
Total, Drainage and Protective Works ...	23,36,611	...	23,36,611	23,36,611	23,36,611
Total, I.—Works ...	53,64,788	20,822	53,85,610	57,29,337	53,65,899
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	2,72,733	887	2,73,620	} 14,22,668	{ 2,72,733
3. Executive	10,65,730	3,351	10,69,081		{ 10,65,730
5. Special Survey	4,882	...	4,882		{ 4,882
Total, II.—Establishment ...	13,43,345	4,238	13,47,583	14,22,668	13,43,345
III. TOOLS AND PLANT	71,858	296	72,154	77,339	71,858
Grand Total ...	67,79,991	25,356	68,05,347	72,29,344	67,81,102
V.—*Less*—Receipts on Capital Account ...	176	...	176	176	176
Net Outlay ...	67,79,815	25,356	68,05,171	72,29,168	67,80,926
APPORTIONMENT.					
Chargeable to 49.—Irrigation	43,90,025	25,356	44,15,381	48,39,378	43,91,136
Chargeable to 43.—Minor Works and Navigation	23,89,790	...	23,89,790	23,89,790	23,89,790
Total ...	67,79,815	25,356	68,05,171	72,29,168	67,80,926

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

EASTERN NÁRA WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,42,455	3,509	4,45,964	1. Head Works ...	10,080	348	10,428
3. Sales of water ...	2,731	199	2,930	2. Main Canals and Branches ...	2,34,990	21,872	2,56,862
5. Plantations ...	2,13,748	360	2,35,737	3. Distributaries ...	35,635	2,596	38,231
6. Other Canal Produce		21,629		4. Drainage and Protective Works ...	1,51,386	...	1,51,386
8. Navigation ...	4,851	698	5,549	Total ...	4,32,091	24,816	4,56,907
9. Rents of buildings	601	7	608				
10. Fines	40,193	489	40,682	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	5,79,151	8,682	5,87,833				
Total ...	12,83,730	35,573	13,19,303	1. Head Works ...	2,23,626	9,704	2,33,330
				2. Main Canals and Branches ...	20,71,227	83,904	21,55,131
II.—INDIRECT RECEIPTS.				3. Distributaries ...	72,240	...	72,240
				4. Drainage and Protective Works ...	7,80,422	21,962	8,02,384
Irrigation share of Land Revenue collected in the Civil Department.	2,02,27,329	5,72,197	2,07,99,526	Unclassified Outlay ...	5,36,057	...	5,36,057
				Total ...	36,83,572	1,15,570	37,99,142
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	39,357	3,747	43,104	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,45,626	8,186	2,53,812
				3. Executive	12,32,661	55,885	12,88,546
				Total ...	14,78,287	64,071	15,42,358
Total ...	2,02,66,686	5,75,944	2,08,42,630	V.—TOOLS AND PLANT ...	44,947	3,703	48,650
Total, Receipts ...	2,15,50,416	6,11,517	2,21,61,933	VI.—REFUNDS OF REVENUE	8,042	...	8,042
Note.—Loss to the canal on account of difference between assessment of water rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	29	3,506	3,535
				Total ...	56,46,968	2,11,666	58,58,634
Rs.				Share of Collection Charges in the Civil Department	15,84,547	34,639	16,19,186
To end of 1916-1917, 5,82,270				Indirect Charges debitable to Revenue Account as per Account No. 5	2,33,626	8,970	2,42,596
Loss for 1917-1918... 24,879							
Total ... 6,07,149				Total, Charges ...	74,65,141	2,55,275	77,20,416
				Balance Net Revenue ...	1,40,85,275	3,56,242	1,44,41,517
Grand Total ...	2,15,50,416	6,11,517	2,21,61,933	Grand Total ...	2,15,50,416	6,11,517	2,21,61,933

N.B.—Construction Estimate closed on 31st March 1898—*vide* Government Resolution No. 1766, dated 18th November 1895. Completion Report approved in Government Resolution No. 438, dated 17th February 1913.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

EASTERN NA'RA WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917 ...	99,24,336	Net Revenue realized to end of 1916-1917 ...	1,40,85,275
Interest charges for the year 1917-1918 ...	2,35,903	Do. during 1917-1918 ...	3,56,242
			1,44,41,517
		Balance net Interest charges ...	—42,81,278
Total ...	1,01,60,239	Total ...	1,01,60,239

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized abatement of Land Revenue	3,084	...	3,084
2. Leave and Pension Allowances	2,32,021	593	2,32,614
Total ...	2,35,105	593	2,35,698
REVENUE—			
1. Capitalized abatement of Land Revenue	2	.....	2
2. Leave and Pension Allowances	2,33,624	8,970	2,42,594
Total ...	2,33,626	8,970	2,42,596

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against Construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	48,30,172	5,35,727	53,65,899	19,711	3,63,438	3,43,727	53,85,610	Government of India, Public Works Department, No. 180-I., dated 16th February 1916, communicated in Government Resolution, Public Works Department, No. 3115, dated 18th March 1916 ... Rs. 3,84,516 ... ... 78,475 Government of India, Public Works Department, No. 106-I., dated 1st May 1918, communicated in Government Resolution, Public Works Department, No. 5600, dated 29th May 1918 ... „ 4,62,991
Establishment	11,84,114	1,59,231	13,43,345	4,238	79,323	75,085	13,47,583	
Tools and Plant... ...	50,880	20,978	71,858	296	5,481	5,185	72,154	
Total ...	60,65,166	7,15,939	67,81,102	24,245	4,48,242	4,23,997	68,05,347	
Less—Receipt on Capital Account ...	179	—3	176	...	...	...	176	
Net Total ...	60,64,987	7,15,939	67,80,926	24,245	4,48,242	4,23,997	68,05,171	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	2,669	415	3,084	...	3,643	3,643	3,084	
Leave and Pension Allowances	2,09,728	22,293	2,32,021	593	11,106	10,513	2,32,614	
Total ...	2,12,397	22,708	2,35,105	593	14,749	14,156	2,35,698	
Grand Total ...	62,77,384	7,38,647	70,16,031	24,838	4,62,991	4,38,153	70,40,869	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

JÁMRÁO CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1902.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
1.—Works.					
(1)—*Head Works.*					
A. Preliminary Expenses	4,738	...	4,738	4,738	4,738
B. Land	62	284	346	346	346
C. Works	16,50,859	20,151	16,71,010	16,71,010	16,71,010
K. Buildings	76,497	24,914	1,01,411	1,01,411	1,01,411
O. Miscellaneous	31,236	685	31,921	31,921	31,921
P. Maintenance	16,263	9,287	25,550	25,550	25,550
Total, Head Works ...	17,79,655	55,321	18,34,976	18,34,976	18,34,976
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	32,466	...	32,466	32,466	32,466
B. Land	25,269	...	25,269	25,269	25,269
D. Regulators	3,74,148	...	3,74,148	3,74,148	3,74,148
E. Falls and Weirs	85,625	...	85,625	85,625	85,625
F (1). Other Cross Drainage Works ...	1,83,594	...	1,83,594	1,83,594	1,83,594
G. Bridges	1,71,475	...	1,71,475	1,71,475	1,71,475
H. Escapes	44,222	...	44,222	44,222	44,222
K. Buildings	3,22,857	...	3,22,857	3,22,857	3,22,857
L. Earthwork	25,26,346	...	25,26,346	25,26,346	25,26,346
M. Plantations	45,869	...	45,869	45,869	45,869
O. Miscellaneous	57,290	...	57,290	57,290	57,290
P. Maintenance	26,088	...	26,088	26,088	26,088
Total, Main Canals and Branches ...	38,95,249	...	38,95,249	38,95,249	38,95,249
Carried over ...	56,74,904	55,321	57,30,225	57,30,225	57,30,225

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated (Construction estimated close on 31st March 1902).	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	56,74,904	55,321	57,30,225	57,30,225	57,30,225
(3)—*Distributaries.*					
A. Preliminary Expenses	9,165	...	9,165	9,165	9,165
B. Land	10,112	...	10,112	10,112	10,112
C. Works	3,49,280	...	3,49,280	3,49,280	3,49,280
L. Earthwork	7,36,022	...	7,36,022	7,36,022	7,36,022
O. Miscellaneous	61,139	—3,924	57,215	57,215	57,215
P. Maintenance	10,041	...	10,041	10,041	10,041
Total, Distributaries ...	11,75,759	—3,924	11,71,835	11,71,835	11,71,835
(4)—*Drainage and Protective Works.*					
A. Preliminary Expenses	363	...	363	363	363
C. Works	23,824	...	23,824	23,824	23,824
L. Earthwork	31,145	...	31,145	31,145	31,145
O. Miscellaneous	9,134	...	9,134	9,134	9,134
Total, Drainage and Protective Works ...	64,466	...	64,466	64,466	64,466
Total I.—Works ...	69,15,129	51,397	69,66,526	69,66,526	69,66,526
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	3,41,778	2,489	3,44,267	3,44,267	3,44,267
3. Executive	11,25,086	9,395	11,34,481	11,34,481	11,34,481
4. Medical	8,453	...	8,453	8,453	8,453
5. Special Survey	8,947	...	8,947	8,947	8,947
Total, Establishment ...	14,84,264	11,884	14,96,148	14,96,148	14,96,148
III.—TOOLS AND PLANT	1,81,337	1,174	1,82,511	1,82,511	1,82,511
IV.—SUSPENSE ACCOUNTS	4,606	...	4,606	4,606	4,606
Grand Total ...	85,85,336	64,455	86,49,791	86,49,791	86,49,791
V.—*Less*—Receipts on Capital Account ...	981	...	981	981	981
Net Outlay ...	85,84,355	64,455	86,48,810	86,48,810	86,48,810
APPORTIONMENT.					
Chargeable to 49—Irrigation	85,84,355	64,455	86,48,810	86,48,810	86,48,810

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,68,914	1,656	4,70,570	1. Head Works ...	167	...	167
3. Sales of water ...	198	20	218	2. Main Canals and Branches ...	16,068	438	16,506
4. Water supply of towns ...	5	...	5	3. Distributaries ...	73,342	1,181	74,523
5. Plantations ...	4,906	173	5,079	Total ...	89,577	1,619	91,196
6. Other canal produce ...	73,540	44,839	1,18,379				
7. Water-power ...	13	...	13				
9. Rents of buildings.	11,611	662	12,273	II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	1,91,722	15,607	2,07,329				
11. Miscellaneous Receipts ...	60,099	9,842	69,941	1. Head Works ...	67,733	6,098	73,831
				2. Main Canals and Branches ...	12,46,560	2,32,522	14,79,082
Total ...	8,11,008	72,799	8,83,807	3. Distributaries ...	11,14,397	64,547	11,78,944
				4. Drainage and Protective Works ...	1,024	...	1,024
II.—INDIRECT RECEIPTS.							
				Total ...	24,29,714	3,03,167	27,32,881
Irrigation share of Land Revenue collected in the Civil Department.	1,01,32,604	6,84,822	1,08,17,426	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,42,738	17,853	1,60,591
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1309, dated 10th July, and No. 1913, dated 7th November 1889	6,42,882	71,025	7,13,907	3. Executive ...	18,54,474	1,46,338	20,00,812
				Total ...	19,97,212	1,64,191	21,61,403
Total ...	1,07,75,486	7,55,847	1,15,31,333	V.—TOOLS AND PLANT ...	64,875	5,462	70,337
				VI.—REFUNDS OF REVENUE	...	267	267
Total, Receipts ...	1,15,86,494	8,28,646	1,24,15,140	Suspense Account ...	—2,525	—155	—2,681
				Total ...	45,78,852	4,74,551	50,53,403
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Share of Collection Charges in the Civil Department ...	3,25,169	21,272	3,46,441
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,80,539	23,077	3,03,616
Rs.							
To end of 1916-1917. 1,89,105							
Loss for 1917-1918... 9,207							
Total ... 1,98,312							
				Total, Charges ...	51,84,560	5,18,900	57,03,460
				Balance Net Revenue ...	64,01,934	3,09,746	67,11,680
Grand Total ...	1,15,86,4 4	8,28,646	1,24,15,140	Grand Total...	1,15,86,494	8,28,646	1,24,15,140

N.B.—Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 1796, dated 28th August 1901.
Completion Report approved in Government Resolution No. 1706, dated 30th June 1906.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

JA'MRA'O CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917.	55,32,929	Net revenue realized to end of 1916-1917 ...	64,01,934
Interest charges for the year 1917-1918 ...	2,99,254	Do. during 1917-1918 ...	3,09,746
			67,11,680
		Balance net interest charges ...	—8,79,497
Total ...	58,32,183	Total ...	58,32,183

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	48,924	.....	48,924
2. Leave and Pension Allowances	2,07,796	1,664	2,09,460
Total ...	2,56,720	1,664	2,58,384
REVENUE—			
1. Capitalized abatement of Land Revenue	928	90	1,018
2. Leave and Pension Allowances	2,79,611	22,987	3,02,598
Total ...	2,80,539	23,077	3,03,616

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	64,74,033	4,92,493	69,66,526		...	...	69,66,526	
Establishment ...	11,51,054	3,45,094	14,96,148	...	...	...	14,96,148	
Tools and Plant ...	1,81,762	749	1,82,511	...	...	...	1,82,511	
Suspense Accounts ...	53	4,553	4,606	...	...	...	4,606	
Total ...	78,06,902	8,42,889	86,49,791		...	...	86,49,791	
Less—Receipts on Capital Account.	981	...	981	...	...	...	981	
Net Total ...	78,05,921	8,42,889	86,48,810	...	...	...	86,48,810	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	35,896	13,028	48,924	...	...	...	48,924	
Leave and Pension Allowances ...	1,61,148	48,312	2,09,460	...	...	...	2,09,460	
Total ...	1,97,044	61,340	2,58,384	...	...	...	2,58,384	
Grand Total ...	80,02,965	9,04,229	89,07,194	...	...	...	89,07,194	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1917-18.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	4,134	.....	4,134	4,134	4,134
B. Land	39,338	.....	39,338	39,338	39,338
D. Regulators	2,00,254	.....	2,00,254	2,00,254	2,00,254
G. Bridges	91,352	.....	91,352	91,352	91,352
H. Escapes	13,077	.....	13,077	13,077	13,077
K. Buildings	89,030	.....	89,030	89,030	89,030
L. Earth-work	14,18,551	.....	14,18,551	14,18,551	14,18,551
O. Miscellaneous	7,086	.....	7,086	7,086	7,086
Total, Main Canals and Branches ...	18,62,822	.....	18,62,822	18,62,822	18,62,822
(3)—*Distributaries.*					
B. Land	2,383	217	2,600	5,738	20
C. Works	90,835	802	91,637	93,239	63,280
L. Earth-work	1,00,332	.....	1,00,332	1,04,564	24,564
O. Miscellaneous	1,10,946	—3,597	1,07,349	83,059	—4,216
Total, Distributaries ...	3,04,496	—2,578	3,01,918	2,86,600	83,648
(4)—*Drainage and Protective Works.*					
L. Earth-work	14,590	.....	14,590	14,590	14,590
O. Miscellaneous	505	.....	505	505	505
Total, Drainage and Protective Works.	15,095	.....	15,095	15,095	15,095
Total, I.—Works ...	21,82,413	—2,578	21,79,835	21,64,517	19,61,565
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	1,05,515	110	1,05,625	3,84,097	98,346
3. Executive	2,56,705	416	2,57,121		2,31,611
5. Special Survey	12,721	.....	12,721		12,721
Total, Establishment ...	3,74,941	526	3,75,467	3,84,097	3,42,678
III.—TOOLS AND PLANT	19,306	36	19,342	19,015	16,979
Grand Total ...	25,76,660	—2,016	25,74,644	25,67,629	23,21,222
V.—*Less*—Receipts on Capital Account.	34	.....	34	34	34
Net Outlay ...	25,76,626	—2,016	25,74,610	25,67,595	23,21,188
APPORTIONMENT.					
Chargeable to 49—Irrigation ...	25,72,799	—2,016	25,70,783	25,63,768	23,17,361
Do. 43—Minor Works and Navigation	3,827	.....	3,827	3,827	3,827
Total ...	25,76,626	—2,016	25,74,610	25,67,595	23,21,188

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	12,148	208	12,356	1. Head Works ...	1,447	...	1,447
5. Plantations ...	6,405	165	6,570	2. Main Canals and Branches ...	59,969	6,448	66,417
6. Other canal produce ...	1,098	84	1,182	3. Distributaries ...	252	961	1,213
9. Rents of buildings.	2,526	534	3,060	Average expenditure before improvement ...	—76,911	—4,608	—81,519
10. Fines ...	4,223	5	4,228				
11. Miscellaneous Receipts ...	11,686	—311	11,375	Total ...	—15,243	2,801	—12,442
Total ...	38,086	685	38,771	II.—MAINTENANCE AND REPAIRS.			
II—INDIRECT RECEIPTS.				2. Main Canals and Branches ...	9,66,360	53,406	10,19,766
Irrigation share of Land Revenue collected in the Civil Department ...	19,99,951	1,82,994	21,82,945	3. Distributaries ...	16,116	5,892	22,008
				Total ...	9,82,476	59,298	10,41,774
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 53-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	86,393	7,605	93,998	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	49,732	3,678	53,410
				3. Executive ...	1,65,042	20,340	1,85,382
Total ...	20,86,344	1,90,599	22,76,943	Total ...	2,14,774	24,018	2,38,792
Total, Receipts ...	21,24,430	1,91,284	23,15,714	V.—TOOLS AND PLANT...	8,843	933	9,776
				VI.—REFUNDS OF REVENUE ...	72	11	83
				Total ...	11,90,922	87,061	12,77,983
				Share of Collection Charges in the Civil Department	1,00,117	10,992	1,11,109
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	30,179	4,446	34,625
				Total, Charges ...	13,21,218	1,02,499	14,23,717
				Balance Net Revenue ...	8,03,212	88,785	8,91,997
Grand Total ...	21,24,430	1,91,284	23,15,714	Grand Total ...	21,24,430	1,91,284	23,15,714

Note.—Loss to the canal on account of difference between assessment of water-rates on Jaghir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.

	Rs.
To end of 1916-1917.	3,17,474
Loss for 1917-1918 ...	18,103
Total ...	3,35,577

N. B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution No. 1054, dated 30th April 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

DA'D CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917 ...	13,99,393	Net revenue realized to end of 1916-1917 ...	8,03,212
		Do. during 1917-1918 ...	88,785
			8,91,997
Interest charges for the year 1917-1918 ...	89,451	Balance net Interest charges	5,96,847
Total ...	14,88,844	Total ...	14,88,844

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	41,278	175	41,453
2. Leave and Pension Allowances	52,491	74	52,565
Total ...	93,769	249	94,018
REVENUE—			
1. Capitalized abatement of Land Revenue	111	1,083	1,194
2. Leave and Pension Allowances	30,068	3,363	33,431
Total ...	30,179	4,446	34,625

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	18,99,648	61,917	19,61,565	2,18,270	2,02,952	—15,318	21,79,835	
Establishment ...	3,16,663	26,015	3,42,678	32,789	41,419	8,630	3,75,467	
Tools and Plant ...	16,579	400	16,979	2,363	2,036	—327	19,342	
Total ...	22,32,890	88,332	23,21,222	2,53,422	2,46,407	—7,015	25,74,644	
Less—Receipts on Capital Account ...	34	...	34	...	...	...	34	
Net Total ...	22,32,856	88,332	23,21,188	2,53,422	2,46,407	—7,015	25,74,610	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	40,168	1,110	41,278	175	3,025	2,850	41,453	
Leave and Pension Allowances ...	44,333	3,642	47,975	4,590	5,799	1,209	52,565	
Total ...	84,501	4,752	89,253	4,765	8,824	4,059	94,018	
Grand Total ...	23,17,357	93,084	24,10,441	2,58,187	2,55,231	—2,956	26,68,628	Revised Estimate of the Ren Distributary sanctioned by the Government of India—*vide* No. 979-I, dated 29th June 1914, communicated in Government Resolution No. W. I.-9017, dated 12th August 1914 ... ... Rs. 2,55,231

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated. (Construction estimate closed on 31st March 1907.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,653	...	1,653	1,653	1,653
B. Land	40,941	...	40,941	40,941	40,941
D. Regulators	1,84,574	...	1,84,574	1,84,574	1,84,574
G. Bridges	67,852	...	67,852	67,852	67,852
K. Buildings	69,315	...	69,315	69,315	69,315
L. Earth-work	9,78,967	...	9,78,967	9,78,967	9,78,967
O. Miscellaneous	4,430	...	4,430	4,430	4,430
Total, Main Canals and Branches ...	13,47,732	...	13,47,732	13,47,732	13,47,732
(3)—*Distributaries.*					
B. Land	576	...	576	576	576
C. Works	1,38,669	...	1,38,669	1,38,669	1,38,669
L. Earth-work	73,188	...	73,188	73,18	73,188
O. Miscellaneous	—13,585	—3,637	—17,222	—17,222	—17,222
Total, Distributaries ...	1,98,848	—3,637	1,95,211	1,95,211	1,95,211
(4)—*Drainage and Protective Works.*					
L. Earth-work	4,398	...	4,398	4,398	4,398
O. Miscellaneous	377	...	377	377	377
Total, Drainage and Protective Works ...	4,775	...	4,775	4,775	4,775
Total, I.—Works ...	15,51,355	—3,637	15,47,718	15,47,718	15,47,718
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	76,679	...	76,679	76,679	76,679
3. Executive	1,75,468	...	1,75,468	1,75,468	1,75,468
5. Special Survey	1,263	...	1,263	1,263	1,263
Total, Establishment ...	2,53,410	...	2,53,410	2,53,410	2,53,410
III.—TOOLS AND PLANT	6,875	...	6,875	6,875	6,875
Grand Total ...	18,11,640	—3,637	18,08,003	18,08,003	18,08,003
V.—*Less*—Receipts on Capital Account ...	158	...	158	158	158
Net Outlay ...	1811,482	—3,637	18,07,845	18,07,845	18,07,845
APPORTIONMENT.					
Chargeable to 49.—Irrigation	18,11,482	—3,637	18,07,845	18,07,845	18,07,845

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	—161	8	—153				
3. Sales of water ...	98	...	98				
5. Plantations ...	2,352	225	2,577	2. Main Canals and Branches	61,625	3,356	64,981
6. Other canal produce	1,331	17	1,348	3. Distributaries. ...	...	1,241	1,241
8. Navigation ...	13	20	33	Total ...	61,625	4,597	66,222
9. Rents of buildings.	1,645	527	2,172				
10. Fines	3,828	...	3,828	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	3,152	200	3,352				
Total ...	12,258	997	13,255	2. Main Canals and Branches	9,00,386	78,896	9,79,282
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	21,48,183	1,09,591	22,57,774	1 & 2. Direction and Accounts	60,975	5,137	66,112
				3. Executive	1,66,031	25,543	1,91,574
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 & 58-A, I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889 ...	1,11,022	12,848	1,23,870	Total ...	2,27,006	30,680	2,57,686
				V.—TOOLS AND PLANT ...	8,123	958	9,081
Total ...	22,59,205	1,22,439	23,81,644	Total ...	11,97,140	1,15,131	13,12,271
Total, Receipts ...	22,71,463	1,23,436	23,94,899	Share of Collection Charges in the Civil Department	1,28,468	6,577	1,35,045
Note.—Loss to the canal on account of difference between assessment of water rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect charges debitable to Revenue Account as per Account No. 5	31,815	4,295	36,110
Rs.							
To end of 1916-1917...25,537							
Loss for 1917-1918 ... 1,659							
Total ...27,196							
				Total, Charges ...	13,57,423	1,26,003	14,83,426
				Balance Net Revenue ...	9,14,040	—2,567	9,11,473
Grand Total ..	22,71,463	1,23,436	23,94,899	Grand Total ...	22,71,463	1,23,436	23,94,899

N. B.—Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 2191, dated 17th August 1908.
Completion Report approved in Government Resolution No. 1054, dated 30th April 1910.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

NASRAT CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917. ...	9,15,407	Net revenue realized to end of 1916-1917 ...	9,14,040
		Do. during 1917-1918 ...	– 2,567
Interest charges for the year 1917-1918. ...	62,850		9,11,473
		Balance net Interest charges	66,784
Total ...	9,78,257	Total ...	9,78,257

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	22,749	.....	22,749
2. Leave and Pension Allowances	35,477	.....	35,477
Total ...	58,226	.....	58,226
REVENUE—			
1. Capitalized abatement of Land Revenue	33	.....	33
2. Leave and Pension Allowances	31,782	4,295	36,077
Total ...	31,815	4,295	36,110

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	15,71,638	—23,920	15,47,718				15,47,718	
Establishment ...	2,23,469	29,941	2,53,410				2,53,410	
Tools and Plant ...	5,046	1,829	6,875				6,875	
Total ...	18,00,153	7,850	18,08,003				18,08,003	
Less—Receipts on Capital Account	158	...	158				158	
Net Total ...	17,99,995	7,850	18,07,845				18,07,845	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	15,098	7,651	22,749				22,749	
Leave and Pension Allowances	31,285	4,192	35,477				35,477	
Total ...	46,383	11,843	58,226				58,226	
Grand Total ...	18,46,378	19,693	18,66,071				18,66,071	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

NAULA'KHI CANAL.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917 ...	2,438	Net revenue realized to end of 1916-1917 ...	...
		Do. during 1917-1918 ...	...
Interest charges for the year 1917-1918 ...	178		...
		Balance net Interest charges	2,616
Total ...	2,616	Total ..	2,616

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open capital Sanctions	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	...	...	...	4,876	9,72,019	9,67,143	4,876	Project sanctioned by the Secretary of State in Despatch No. 51—P. W., dated 5th December 1895, communicated in Government of India's No. 5—I., dated 14th January 1896—*vide* Government Resolution No. W. I.—145, dated 30th idem. The date for the construction of the work extended for a further period of 5 years from 6th December 1910, *vide* Government of India's letter No. 1270—I., dated 21st December 1910, communicated in Government Resolution (P. W.) No. 79, dated 17th January 1911.
Establishment	...	...	...	236	2,31,493	2,31,257	236	
Tools and Plant ..	...	...	...	...	14,423	14,423	...	
Total ..	...	...	...	5,112	12,17,935	12,12,823	5,112	
Less.—Receipts on Capital Account	...	...	...	...	...	...	...	
Net Total ..	...	...	...	5,112	12,17,935	12,12,823	5,112	
Indirect Charges.								
Capitalized abatement of Land Revenue ..	...	...	...	...	12,470	12,470	...	
Leave and Pension Allowances	...	...	...	33	32,149	32,116	33	
Total ..	...	...	...	33	44,619	44,586	33	
Grand Total ...	...	...	...	5,145	12,62,554	12,57,409	5,145	

N. B.—Last Capital Account detailed in the administrative accounts for 1903-1904.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

HA'THMATI AND KHÁRI CUT CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	9,04,682	25,629	9,30,311	1. Head Works ...	11,299	1,425	12,724
3. Sales of water ...	1,333	100	1,433	2. Main Canals and Branches	54,241	7,252	61,493
4. Water-supply of towns	1,344	...	1,344	3. Distributaries ...	6,495	562	7,057
5. Plantations ...	59,836	17	66,164	Total ...	72,035	9,239	81,274
6. Other Canal Produce		6,311					
9. Rents of Buildings.	36	...	36				
10. Fines	359	...	359	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	22,111	1,275	23,386	1. Head Works	71,423	4,769	76,129
				2. Main Canals and Branches	2,79,672	11,168	2,90,840
Total ...	9,89,701	33,332	10,23,033	3. Distributaries ...	73,894	4,384	78,278
				4. Drainage and Protective Works ...	4,402	...	4,402
II.—INDIRECT RECEIPTS.				Total ...	4,29,391	20,321	4,49,712
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	III.—COMPENSATION ...	3,615	...	3,615
				IV.—ESTABLISHMENT.			
Total, Receipts ..	9,89,701	33,332	10,23,033	1 & 2. Direction and Accounts	22,932	1,318	24,250
				3. Executive	1,94,989	11,637	2,06,626
				Total ...	217,921	12,955	2,30,876
				V.—TOOLS AND PLANT ...	7,703	439	8,142
				Profit and Loss	186	...	186
				VI.—REFUNDS OF REVENUE	3,648	138	3,786
				Total ...	7,34,499	43,092	7,77,591
				Share of Collection Charges in the Civil Department	45,260	1,281	46,541
				Indirect Charges debitable to Revenue Account as per Account No. 5	32,968	1,814	34,782
				Total, Charges ...	8,12,727	46,187	8,58,914
				Balance Net Revenue ...	1,76,974	—12,855	1,64,119
Grand Total ...	9,89,701	33,332	10,23,033	Grand Total ...	9,89,701	33,332	10,23,033

N. B.—Last Capital Account detailed in the Administrative Accounts for 1914-15 and No. 6 in the Administrative Accounts for 1915-16.

Construction Estimate of the Hathmati Canal closed in 1883-84 and that of the Khári Cut Canal closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893, *vide* also Government Resolution No. 2902 of 10th December 1909.

Completion Report of the Khári Cut Canal approved in Government Resolution No. 683 of 16th April 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

HA'THMATI AND KHÁRI CUT CANALS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917.	10,21,721	Net revenue realized to end of 1916-1917.	1,76,974
		Do. during 1917-1918.	—12,855
			1,64,119
Interest charges for the year 1917-1918	43,099	Balance net Interest charges ...	9,00,701
Total ..	10,64,820	Total ...	10,64,820

No. 5.—Account of Indirect Charges for, and to end of, 1916-1917.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	825	.....	825
2. Leave and Pension Allowances	32,143	1,814	33,957
Total ...	32,968	1,814	34,782

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	3,89,265	10,008	3,99,273	1. Head Works ...	1,428	...	1,428
				2. Main Canals and Branches	20,887	2,718	23,605
3. Sales of water ...	440	...	440	3. Distributaries ...	9,358	...	9,358
5. Plantations ...	19,058	11	21,233	Total ...	31,673	2,718	34,391
6. Other Canal Produce		2,164		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	20	17	37	1. Head Works ...	32,313	523	32,836
				2. Main Canals and Branches	15,101	2,094	17,195
10. Fines	503	...	503	3. Distributaries ...	70,254	697	70,951
11. Miscellaneous Receipts	5,757	110	5,867	4. Drainage and Protective Works ...	2,728	...	2,728
Total ...	4,15,043	12,310	4,27,353	Total ...	1,20,396	3,314	1,23,710
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	9,572	272	9,844
Irrigation share of Land Revenue collected in the Civil Department.	2,08,843	3,245	2,12,088	3. Executive	87,708	1,925	89,633
				Total ...	97,280	2,197	99,477
Total, Receipts ...	6,23,886	15,555	6,39,441	V.—TOOLS AND PLANT ...	2,517	90	2,607
				Profit and Loss	19	...	19
				VI.—REFUNDS OF REVENUE	3,896	...	3,896
				Suspense Account ...	140	...	140
				Total ...	2,55,921	8,319	2,64,240
				Share of Collection Charges in the Civil Department	53,944	1,200	55,144
				Indirect Charges debitable to Revenue Account as per Account No. 5	14,135	308	14,443
				Total Charges ...	3,24,000	9,827	3,33,827
				Balance Net Revenue ...	2,99,886	5,728	3,05,614
Grand Total ...	6,23,886	15,555	6,39,441	Grand Total ...	6,23,886	15,555	6,39,441

N.B.—Last Capital Account detailed in the Administrative Accounts for 1898-99.
Construction Estimate closed on 31st March 1895—*vide* Government Resolution No. 148, dated 31st January 1896.
Completion Report approved in Government Resolution No. 1392, dated 3rd October 1896.

IRRIGATION BRANCH. BOMBAY PRESIDENCY,

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

LOWER PÁNJHRA RIVER WORKS.

TANK PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917	7,81,539	Net revenue realized to end of 1916-1917.	2,99,886
		Do. during 1917-1918 ...	5,728
			3,05,614
Interest charges for the year 1917-1918	15,468	Balance net Interest charges	4,91,393
Total ...	7,97,007	Total ...	7,97,007

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	94	...	94
2. Leave and Pension Allowances	14,041	308	14,349
Total ...	14,135	308	14,443

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IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

KADWA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	5,08,048	24,474	5,32,522				
				1. Head Works ...	3,807	...	3,807
3. Sales of water ...	448	...	448				
				2. Main Canals and Branches ...	3,549	1,938	5,487
5. Plantations ...	20,913	...	22,742				
6. Other canal produce ...		1,829		3. Distributaries ...	342	...	342
9. Rents of buildings	241	1	242	Total ...	7,698	1,938	9,636
10. Fines ...	643	2	645				
				II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts ...	6,139	462	6,601				
				1. Head Works ...	36,879	2,183	39,062
				2. Main Canals and Branches ...	1,28,405	5,040	1,33,445
Total ...	5,36,432	26,768	5,63,200	3. Distributaries ...	12,037	450	12,487
				Total ...	1,77,321	7,673	1,84,994
II.—INDIRECT RECEIPTS.							
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...				
				1 & 2. Direction and Accounts ...	13,262	424	13,686
Enhanced Land Revenue as per Government Resolution No. 428, dated 6th August 1875.	24,945	594	25,539	3. Executive	2,01,584	6,407	2,07,991
Total ...	24,945	594	25,539	Total ...	2,14,846	6,831	2,21,677
Total, Receipts ...	5,61,377	27,362	5,88,739	V.—TOOLS AND PLANT ...	5,171	142	5,313
Carried over ...	5,61,377	27,362	5,88,739	Carried over ...	4,05,036	16,584	4,21,620

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

KA'DVA RIVER WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	5,61,377	27,362	5,88,739	Brought forward...	4,05,036	16,584	4,21,620
				VI.—REFUNDS OF REVENUE ...	429	...	429
				Total ...	4,05,465	16,584	4,22,049
				Share of Collection Charges in the Civil Department .	25,544	1,224	26,768
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	31,046	956	32,002
				Total, Charges ...	4,62,055	18,764	4,80,819
				Balance Net Revenue ...	99,322	8,598	1,07,920
Grand Total ...	5,61,377	27,362	5,88,739	Grand Total ...	5,61,377	27,362	5,88,739

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, under Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 2,460.

N. B.—Last Capital Account detailed in the Administrative Accounts for 1910-11.
Construction Estimate closed on 31st March 1908—*vide* Government Resolution No. 2245, dated 25th August 1908.
Completion Report approved in Government Resolution No. 1041, dated 29th April 1910.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917	11,10,551	Net revenue realized to end of 1916-1917.	99,322
		Do. during 1917-1918	8,598
			1,07,920
Interest charges for the year 1917-1918.	33,749	Balance net Interest charges ...	10,36,380
Total ...	11,44,300	Total ...	11,44,300

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	11	.....	11
2. Leave and Pension Allowances	31,035	956	31,991
Total ...	31,046	956	32,002

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1916-1917.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LA'KH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	58,089	892	58,981	1. Head Works ...	629	...	629
3. Sales of Water ...	46	1	47				
5. Plantations ...	13,168	244	13,849	2. Main Canals and Branches ...	86	...	86
6. Other Canal produce ...		437					
9. Rents of Buildings	84	1	85				
10. Fines	166	3	169	Total ...	715	...	715
11. Miscellaneous Receipts... ...	711	...	711	II.—MAINTENANCE AND REPAIRS.			
Total ...	72,264	1,578	73,842	1. Head Works ...	10,574	...	10,574
				2. Main Canals and Branches	1,36,177	1,452	1,37,629
				3. Distributaries ...	4,950	...	4,950
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	1,51,701	1,452	1,53,153
Revenue from "Galper" land treated as Land Revenue —*vide* Government Resolution No. 1829, dated 21st November 1893 ...	5,751	225	5,976	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	10,880	65	10,945
				3. Executive ...	1,38,119	901	1,39,020
Total ...	5,751	225	5,976	Total ...	1,48,999	966	1,49,965
Total, Receipts ...	78,015	1,803	79,818	V.—TOOLS AND PLANT ...	2,779	22	2,801
Carried over ...	78,015	1,803	79,818	Carried over ...	3,04,194	2,440	3,06,634

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

PRAVARA RIVER WORKS—LÁKH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	78,015	1,803	79,818	Brought forward ...	3,04,194	2,440	3,06,634
				V.I.—REFUNDS OF REVENUE ...	116	...	116
				Total ...	3,04,310	2,440	3,06,750
				Share of Collection Charges in the Civil Department .	3,484	67	3,551
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	22,517	135	22,652
				Total, Charges ...	3,30,311	2,642	3,32,953
				Balance Net Revenue ...	-2,52,296	—839	-2,53,135
Grand Total ...	78,015	1,803	79,818	Grand Total ...	78,015	1,803	79,818

N.B.—Last Capital Account detailed in the Administrative Accounts for 1894-95.
Construction Estimate closed on 31st March 1894—*vide* Government Resolution No. 1707, dated 2nd November 1894.
Completion Report approved in Government Resolutions No. 87, dated 20th January 1896, and No. 1187, dated 17th August 1896.
Note.—Loss of Revenue due to concessions granted for wheat cultivatien during the rabi season 1916-17, *vide* Government Resolution No. A. I. 12327, dated 18th December 1917 Rs. 250.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
		Net revenue realized to end of 1916-17...	—2,52,296
Total Interest charges to end of 1916-1917	6,56,837	Do. during 1917-18...	—839
			—2,53,135
Interest charges for the year 1917-1918	12,240	Balance net Interest charges ...	9,22,212
Total ...	6,69,077	Total ...	6,69,077

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	22,517	135	22,652

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1) *Head Works*					
A. Preliminary Expenses	8,391	...	8,391	8,391	8,391
B. Land	3,53,177	...	3,53,177	3,53,177	3,53,177
C. Masonry Works	28,90,673	...	28,90,673	28,90,673	28,90,673
K. Buildings	17,287	...	17,287	17,287	17,287
M. Plantations	3,059	...	3,059	3,059	3,059
O. Miscellaneous	820	...	820	820	820
P. Maintenance	1,231	...	1,231	1,231	1,231
Total, Head Works ...	32,74,638	...	32,74,638	32,74,638	32,74,638
(2) *Main Canals and Branches.*					
A. Preliminary Expenses... ...	2,828	...	2,828	2,828	2,828
B. Land	1,26,843	...	1,26,843	1,26,843	1,26,843
C (*a*). Regulators	37,342	...	37,342	37,342	37,342
C (*c*). River and Hill Torrent Works...	5,21,670	...	5,21,670	5,21,670	5,21,670
C (*e*). Bridges	1,02,670	—7,500	95,170	95,170	95,170
C (*f*). Escapes	18,120	...	18,120	18,120	18,120
J. Mills	56,415	...	56,415	56,415	56,415
K. Buildings	10,111	...	10,111	10,111	10,111
L. Earth-work	9,89,763	...	9,89,763	9,89,763	9,89,763
M. Plantations	16,011	...	16,011	16,011	16,011
O. Miscellaneous	1,868	...	1,868	1,868	1,868
P. Maintenance	4,566	...	4,566	4,566	4,566
Total, Main Canals and Branches ...	18,88,207	—7,500	18,80,707	18,80,707	18,80,707
Carried over ...	51,62,845	—7,500	51,55,345	51,55,345	51,55,345

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1897.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	51,62,845	—7,500	51,55,345	51,55,345	51,55,345
(3) *Distributaries.*					
A. Preliminary Expenses	6,740	...	6,740	6,740	6,740
B. Land	5,666	...	5,666	5,666	5,666
C. Masonry Works	3,01,110	2,309	3,03,419	3,03,419	3,03,419
L. Earth-work	73,961	...	73,961	73,961	73,961
M. Plantations	407	...	407	407	407
O. Miscellaneous	8,01,559	...	8,01,559	8,01,559	8,01,559
Total, Distributaries ...	11,89,443	2,309	11,91,752	11,91,752	11,91,752
(4) *Drainage and Protective Works.*					
B. Land	7,328	...	7,328	7,328	7,328
L. Earth-work	1,188	...	1,188	1,188	1,188
Total, Drainage and Protective Works.	8,516	...	8,516	8,516	8,516
Total, I.—Works ...	63,60,804	—5,191	63,55,613	63,55,613	63,55,613
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	2,81,556	78	2,81,634	2,81,634	2,81,634
3. Executive	8,61,570	296	8,61,866	8,61,866	8,61,866
4. Medical	146	...	146	146	146
Total, II.—Establishment ...	11,43,272	374	11,43,646	11,43,646	11,43,646
III.—TOOLS AND PLANT	1,28,123	26	1,28,149	1,28,149	1,28,149
IV.—SUSPENSE ACCOUNTS ...	—1,136	...	—1,136	—1,136	—1,136
Grand Total ..	76,31,063	—4,791	76,26,272	76,26,272	76,26,272
V.—*Less* Receipts on Capital Account.	12,328	...	12,328	12,328	12,328
Net Outlay ...	76,18,735	—4,791	76,13,944	76,13,944	76,13,944
Apportionment.					
Chargeable to—					
49.—Irrigation	57,98,412	...	57,98,412	57,98,412	57,98,412
43.—Minor Works and Navigation.	18,20,323	—4,791	18,15,532	18,15,532	18,15,532
Total ...	76,18,735	—4,791	76,13,944	76,13,944	76,13,944

(a) Write back of Expenditure of Poncelet wheel and gearing to the Revenue account of the Mutha Canal, *vide* Government Memorandum No. I.—5388 dated 22nd May 1918.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total. Previous.	1917-1918.	Total.	Charges.	Total. Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	57,84,172	1,96,742	59,80,914	1. Head Works ...	27,760	...	27,760
3. Sales of water ..	1,03,179	3,752	1,06,931	2. Main Canals and Branches ..	31,998	658	32,656
4. Water-supply of towns ...	44,12,642	2,03,308	46,15,950	3. Distributaries ..	79,505	...	79,505
5. Plantations ...	1,21,932	1,068	1,31,959	4. Drainage and Protective Works ...	4,671	...	4,671
6. Other canal produce ...		8,959		Total ...	1,43,934	658	1,44,592
7. Water power ...	64,800	...	64,800				
8. Navigation ..	29	1	30	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings	4,997	73	5,070	1. Head Works ...	1,17,052	6,424	1,23,476
10. Fines ...	172	...	172	2. Main Canals and Branches ..	6,82,220	21,961	7,04,181
11. Miscellaneous receipts ...	1,89,248	12,581	2,01,829	3. Distributaries ...	9,26,114	73,831	9,99,945
Total ...	1,06,81,171	4,26,484	1,11,07,655	4. Drainage and Protective Works ...	110	69	179
				Total ...	17,25,496	1,02,285	18,27,781
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	III.—COMPENSATION ...	494	...	494
Irrigation share on account of percolation from the Canal —*vide* Government Resolutions Nos. 1159 and 1539, dated, respectively 21st July and 29th September 1892 ...	1,008	...	1,008	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts.	1,19,149	3,781	1,22,930
Total ...	1,008	...	1,008	3. Executive ...	11,93,528	54,861	12,48,389
Total, Receipts ...	1,06,82,179	4,26,484	1,11,08,663	Total ...	13,12,677	58,642	13,71,319
				V.—TOOLS AND PLANT ...	1,46,146	7,657	1,53,803
Carried over ...	1,06,82,179	4,26,484	1,11,08,663	Carried over ...	33,28,747	1,69,242	34,97,989

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,06,82,179	4,26,484	1,11,08,663	Brought forward ...	33,28,747	1,69,242	34,97,989
				VI.—REFUNDS OF REVENUE	22,147	130	22,277
				Total ...	33,50,894	1,69,372	35,20,266
				Share of Collection Charges in the Civil Department .	2,86,759	9,693	2,96,452
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,88,531	8,256	1,96,787
				Total, Charges ...	38,26,184	1,87,321	40,13,505
				Balance Net Revenue ...	68,55,995	2,39,163	70,95,158
Grand Total ...	1,06,82,179	4,26,484	1,11,08,663	Grand Total ...	1,06,82,179	4,26,484	1,11,08,663

N.B.—Construction Estimate of the Mutha Canal closed on 31st March 1897—*vide* Government Resolution No. 710, dated 13th May 1897; and that of the Mátoba Tank on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report of the Mutha Canal approved in Government Resolution No. 2241 of 30th October 1901 and that of the Mátoba Tank in Government Resolution No. 827 of 17th May 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17, *vide* Government Resolution No. A.I.—12327, dated 18th December 1917, Rs. 2,665.

No. 4.—Interest Account for, and to end of, 1916-1917.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917	1,07,56,135	Net revenue realized to end of 1916-1917	68,55,995
Interest charges for the year 1917-1918.	2,64,515	Do. during 1917-1918.	2,39,163
			70,95,158
		Balance net Interest charges ...	39,25,492
Total ...	1,10,20,650	Total ...	1,10,20,650

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

MUTHA CANALS INCLUDING MA'TOBA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	93,528	.....	93,528
2. Leave and Pension Allowances	2,07,974	52	2,08,026
Total ...	3,01,502	52	3,01,554
REVENUE—			
2. Leave and Pension Allowances	1,88,531	8,256	1,96,787

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	54,32,020	9,23,593	63,55,613	...	...	...	63,55,613	
Establishment ...	10,12,260	1,31,386	11,43,646	...	...	...	11,43,646	
Tools and Plant ...	1,19,987	8,162	1,28,149	...	...	...	1,28,149	
Suspense Accounts ...	...	—1,136	—1,136	...	...	...	—1,136	
Total ...	65,64,267	10,62,005	76,26,272	...	...	...	76,26,272	
Less—Receipts on Capital Account ...	12,234	94	12,328	...	...	...	12,328	
Net Total ...	65,52,033	10,61,911	76,13,944	...	...	...	76,13,944	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	58,776	34,752	93,528	...	...	...	93,528	
Leave and Pension Allowances... ...	1,89,546	18,480	2,08,026	...	...	...	2,08,026	
Total ...	2,48,322	53,232	3,01,554	...	...	...	3,01,554	
Grand Total ...	68,00,355	11,15,143	79,15,498	...	...	...	79,15,498	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.							
1. Water-rates from Irrigation ...	5,96,872	21,393	6,18,265	I.—EXTENSIONS AND IMPROVEMENTS.			
3. Sales of water ...	3,01,473	51,649	3,53,122				
4. Water-supply of towns... ...	2,50,372	16,018	2,66,390	1. Head Works	5,052	...	5,052
5. Plantations ...	1,53,294	264	1,69,430	2. Main Canals and Branches	44,164	330	44,494
6. Other Canal produce ...		15,872		3. Distributaries	1,075	...	1,075
9. Rents of Buildings	346	8	354				
11. Miscellaneous Receipts ...	26,231	1,461	27,692	Total ...	50,291	330	50,621
Total ...	13,28,588	1,06,665	14,35,253	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works	89,204	1,574	90,778
				2. Main Canals and Branches	2,49,324	6,760	2,56,084
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Distributaries	6,080	—158	5,922
				Total ...	3,44,608	8,176	3,52,784
				III.—COMPENSATION ...	69	...	69
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	30,246	382	30,628
				3. Executive	2,16,239	4,713	2,20,952
				Total ...	2,46,485	5,095	2,51,580
				V.—TOOLS AND PLANT ...	6,992	128	7,120
Carried over ...	13,28,588	1,06,665	14,35,253	Carried over ...	6,48,445	13,729	6,62,174

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

EKRUK TANK.

TANK PROJECT

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	13,28,588	1,06,665	14,35,253	Brought forward ...	6,48,445	13,729	6,62,174
				VI.—REFUNDS OF REVENUE.	1,157	...	1,157
				Suspense Account ...	—71	...	—71
				Total ...	6,49,531	13,729	6,63,260
				Share of Collection Charges in the Civil Department...	31,799	2,874	34,673
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	38,484	713	39,197
				Total Charges ...	7,19,814	17,316	7,37,130
				Balance Net Revenue ...	6,08,774	89,349	6,98,123
Grand Total ...	13,28,588	1,06,665	14,35,253	Grand Total ...	13,28,588	1,06,665	14,35,253

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-1896.
Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1253, dated 28th July 1891.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917	22,25,612	Net revenue realized to end of 1916-1917	6,08,774
Interest charges for the year 1917-1918.	42,653	Do. during 1917-1918.	89,349
			6,98,123
		Balance net Interest charges ...	15,70,142
Total ...	22,68,265	Total ...	22,68,265

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	38,484	713	39,197

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimate closed on 31st March 1892).	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses ..	633	...	633	633	633
C. Works	2,04,976	14	2,04,990	2,07,072	1,45,889
K. Buildings	1,430	...	1,430	1,430	1,430
Total, Head Works ...	2,07,039	14	2,07,053	2,09,135	1,47,952
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	1,649	...	1,649	1,649	1,649
B. Land	16,740	...	16,740	16,740	16,740
F. River and Hill Torrent Works ...	1,95,671	...	1,95,671	1,95,671	1,95,671
G. Bridges	32,208	...	32,208	32,208	32,208
K. Buildings	12,100	...	12,100	12,100	12,100
L. Earth-work	2,32,717	...	2,32,717	2,32,717	2,32,717
M. Plantations	882	...	882	882	882
O. Miscellaneous	513	...	513	513	513
P. Maintenance	3,423	...	3,423	3,423	3,423
Total, Main Canals and Branches ...	4,95,903	...	4,95,903	4,95,903	4,95,903
(3)—*Distributaries.*					
B. Land	562	...	562	562	562
C. Works	16,279	...	16,279	16,279	16,279
L. Earth-work	12,442	...	12,442	12,442	12,442
M. Plantations	2,897	...	2,897	2,897	2,897
Total, Distributaries ...	32,180	...	32,180	32,180	32,180
Total, I.—Works ...	7,35,122	14	7,35,136	7,37,218	6,76,035
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	36,685	1	36,686	} 1,55,459	{ 33,980
3. Executive	1,18,585	2	1,18,587		{ 1,08,540
Total, Establishment ...	1,55,270	3	1,55,273	1,55,459	1,42,520
III.—TOOLS AND PLANT	2,568	...	2,568	2,585	1,682
Grand Total ...	8,92,960	17	8,92,977	8,95,262	8,20,237
V.—*Less*—Receipts on Capital Account.	.....	...	.....	.....	.....
Net Outlay ...	8,92,960	17	8,92,977	8,95,262	8,20,237
Apportionment.					
Chargeable to 49.—Irrigation ...	8,18,545	...	8,18,545	8,18,545	8,18,545
Chargeable to 43.—Minor Works and Navigation	74,415	17	74,432	74,432	74,432
Total ...	8,92,960	17	8,92,977	8,92,977	8,92,977

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	16,15,139	47,318	16,64,807	1. Head Works	1,789	...	1,789
		(a)2,350		2. Main Canals and Branches	4,841	...	4,841
3. Sales of water...	66	...	66	3. Distributaries... ...	565	...	565
4. Water-supply of towns ...	6,232	...	6,232				
5. Plantations ...	82,750	...	85,067				
6. Other Canal produce ...		2,317		Total ...	7,195	...	7,195
9. Rents of Buildings	2,516	128	2,644				
11. Miscellaneous Receipts ...	392	4	396	II.—MAINTENANCE AND REPAIRS.			
Total ...	17,07,095	52,117	17,59,212	1. Head Works	15,322	20	15,342
				2. Main Canals and Branches	3,12,660	9,104	3,21,764
				3. Distributaries... ...	25,012	...	25,012
				4. Drainage and Protective Works ...	395	...	395
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	3,53,389	9,124	3,62,513
				III.—COMPENSATION ...	19,415	(a) 404	19,819
Total, Receipts ...	17,07,095	52,117	17,59,212				
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	16,770	411	17,181
				3. Executive	2,11,688	3,505	2,15,193
				Total ...	2,28,458	3,916	2,32,374
				V.—TOOLS AND PLANT ...	5,050	136	5,186
Carried over ...	17,07,095	52,117	17,59,212	Carried over ...	6,13,507	13,58	6,27,087

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	17,07,095	52,117	17,59,212	Brought forward ...	6,13,507	13,580	6,27,087
(a) Amount adjusted by credit to water-rates and debit *per contra* on account of the following charges recovered by the Native States from water-rate collection :—				VI.—REFUNDS OF REVENUE	1,472	146	1,618
Loss of assessments on account of land taken up for the Canals, debited to III—Compensation— Rs.				Total ...	6,14,979	13,726	6,28,705
Sangli State ... 252				Share of Collection Charges in the Civil Department .	1,00,513	1,44 (a) 1,946	1,03,903
Pant Pratinidhi... 152							
404							
Collection charges— Rs.				Indirect charges debitable to Revenue Account as per Account No. 5 ...	37,833	548	38,381
Pant Pratinidhi— For recovery of water-rates . 1,635				Total, Charges ...	7,53,325	17,664	7,70,989
Sangli State— For recovery of water-rates . 311				Balance Net Revenue ...	9,53,770	34,453	9,88,223
1,9 6							
Total ... 2,350							
Grand Total ...	17,07,095	52,117	17,59,212	Grand Total ...	17,07,095	52,117	17,59,212

N.B.—Construction Estimate closed on 31st March 1892, *vide* Government Resolution No. 777, dated 14th May 1892. Completion Report approved in Government Resolution No. 119, dated 22nd January 1894.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917	15,58,520	Net revenue realized to end of 1916-1917	9,53,770
Interest charges for the year 1917-1918.	31,013	Do. during 1917-1918.	34,453
			9,88,223
		Balance net Interest charges	6,01,310
Total ...	15,89,533	Total ...	15,89,533

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1911.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	21,822	.....	21,822
2. Leave and Pension Allowances	29,660	.....	29,660
Total ...	51,482	.....	51,482

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

49.—IRRIGATION WORKS.

KRISHNA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.—continued.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	64	.....	64
2. Leave and Pension Allowances	37,769	548	38,317
Total ...	37,833	548	38,381

No. 6.—Statement comparing Charges to date with sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to date against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	6,60,941	15,094	6,76,035	59,101	61,183	2,082	7,35,136	Estimate sanctioned in Government of India, Public Works Department, No. 333-I., dated 30th March 1916, communicated in Government Order No. W.I.-4725 (Public Works Department), dated 4th May 1916.
Establishment ...	1,39,464	3,056	1,42,520	12,753	12,939	186	1,55,273	
Tools and Plant ...	1,682	...	1,682	886	903	17	2,568	
Suspense Accounts ...	...	...	...	...	...	...	...	
Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
Less—Receipts on Capital Account ...	...	...	...	...	...	...	...	
Net Total ...	8,02,087	18,150	8,20,237	72,740	75,025	2,285	8,92,977	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	17,222	4,600	21,822	...	...	...	21,822	
Leave and Pension Allowances ...	27,446	428	27,874	1,786	1,811	25	29,660	
Total ...	44,668	5,028	49,696	1,786	1,811	25	51,482	
Grand Total ...	8,46,755	23,178	8,69,933	74,526	76,836	2,310	9,44,459	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1916-1917.

43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	42,136	1,466	43,602				
5. Plantations ...	20,705	4	21,960	1. Head Works ...	15,425	...	15,425
6. Other canal produce		1,251		2. Main Canals and Branches ...	1,33,261	3,107	1,36,368
9. Rents of Buildings.	4,485	6	4,491	3. Distributaries ...	863	...	863
10. Fines	5,413	1,461	6,874				
11. Miscellaneous Receipts	33,551	631	34,182				
Total ...	1,06,290	4,819	1,11,109	Total ...	1,49,549	3,107	1,52,656
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	52,85,809	2,09,405	54,95,214	1. Head Works ...	6,627	...	6,627
4 per cent. on $\frac{2}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889...	17,216	848	18,064	2. Main Canals and Branches ...	15,17,607	38,236	15,55,843
				Total ...	15,24,234	38,236	15,62,470
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	97,307	959	98,266
				3. Executive	3,56,250	10,628	3,66,878
Total ...	53,03,025	2,10,253	55,13,278	Total ...	4,53,557	11,587	4,65,144
Total, Receipts ...	54,09,315	2,15,072	56,24,387	V.—TOOLS AND PLANT ...	19,684	...	19,684
Carried over ...	54,09,315	2,15,072	56,24,387	Carried over ...	21,47,024	52,930	21,99,954

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

SUKKUR CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	54,09,315	2,15,072	56,24,387	Brought forward ...	21,47,024	52,930	21,99,954
				VI.—REFUNDS OF REVENUE	119	...	119
				Total ...	21,47,143	52,930	22,00,073
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India Letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1916-1917. 2,40,573 Loss for 1917-1918 ... 7,326 Total ... 2,47,899				Share of Collection Charges in the Civil Department	3,96,510	12,740	4,09,250
				Indirect Charges debitable to Revenue Account as per Account No. 5	72,383	1,622	74,005
				Total, Charges ...	26,16,036	67,292	26,83,328
				Balance Net Revenue ...	27,93,279	1,47,780	29,41,059
Grand Total ...	54,09,315	2,15,072	56,24,387	Grand Total ...	54,09,315	2,15,072	56,24,387

N. B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 569, dated 27th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	3,101	.....	3,101
2. Leave and Pension Allowances	69,282	1,622	70,904
Total ..	72,383	1,622	74,005

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,48,618	4,728	2,53,346	I.—EXTENSIONS AND IMPROVEMENTS.			
5. Plantations ...	65,949	16	68,876				
6. Other canal produce		2,762		1. Head Works ...	1,407	...	1,407
9. Rents of Buildings.	20,483	1,505	21,988	2. Main Canals and Branches	3,75,908	5,894	3,81,802
10. Fines	19,777	369	20,146				
11. Miscellaneous Receipts	1,97,012	3,923	2,00,935	3. Distributaries ...	12,796	...	12,796
Total ...	5,51,839	13,452	5,65,291	Total ...	3,90,111	5,894	3,96,005
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department.	2,90,25,015	7,51,989	2,97,77,004	II.—MAINTENANCE AND REPAIRS.			
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	1,33,391	7,607	1,40,998	2. Main Canals and Branches ...	41,08,160	90,784	41,98,944
				3. Distributaries ...	15,675	...	15,675
				Total ...	41,23,835	90,784	42,14,619
Total ...	2,91,58,406	7,59,596	2,99,18,002	III.—COMPENSATION.	108	...	108
Total, Receipts ...	2,97,10,245	7,73,048	3,04,83,293	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,40,465	1,945	2,42,410
				3. Executive ...	9,80,581	24,486	10,05,067
				Total ...	12,21,046	26,431	12,47,477
				V.—TOOLS AND PLANT ...	12,493	789	13,282
Carried over ...	2,97,10,245	7,73,048	3,04,83,293	Carried over ...	57,47,593	1,23,898	58,71,491

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

GHA'R CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	2,97,10,245	7,73,048	3,04,83,293	Brought forward ...	57,47,593	1,23,898	58,71,491
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :— Rs. To end of 1916-1917. 12,14,408 Loss for 1917-1918... 23,552 Total ...12,37,960				VI.—REFUNDS OF REVENUE	184	...	184
				Total ...	57,47,777	1,23,898	58,71,675
				Share of Collection Charges in the Civil Department	23,72,061	45,444	24,17,505
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,02,374	4,065	2,06,439
				Total Charges ...	83,22,212	1,73,407	84,95,619
				Balance Net Revenue ...	2,13,88,033	5,99,641	2,19,87,674
Grand Total ...	2,97,10,245	7,73,048	3,04,83,293	Grand Total ...	2,97,10,245	7,73,048	3,04,83,293

N.B.—Last Capital Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1879—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 927, dated 11th June 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	15,671	365	16,036
2. Leave and Pension Allowances	1,86,703	3,700	1,90,403
Total ...	2,02,374	4,065	2,06,439

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

SUTTAH CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	338	—18	320				
5. Plantations	...	58	58	2. Main Canals and Branches	3,479	...	3,479
6. Other canal produce ...	1,178	...	1,178	Average expenditure before Improvements	—25,922	—1,994	—27,916
10. Fines	159	...	159				
11. Miscellaneous Receipts ...	—79	—40	—119				
Total ..	1,596	...	1,596	Total ...	—22,443	—1,994	—24,437
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department	1,29,480	27,940	1,57,420	2. Main Canals and Branches	1,26,518	3,550	1,30,068
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	5,187	788	5,975	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts.	2,956	—153	2,803
Total ...	1,34,667	28,728	1,63,395	3. Executive	7,040	—17	7,023
Total, Receipts ...	1,36,263	28,728	1,64,991	Total ...	9,996	—170	9,826
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883 :—				V.—TOOLS AND PLANT ...	—136	108	—28
				Total ...	1,13,935	1,494	1,15,429
				Share of Collection Charges in the Civil Department ...	7,639	1,674	9,313
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,400	—24	1,376
				Total, Charges ...	1,22,974	3,144	1,26,118
				Balance Net Revenue ...	13,289	25,584	38,873
Grand Total ...	1,36,263	28,728	1,64,991	Grand Total ...	1,36,263	28,728	1,64,991

	Rs.
To end of 1916-1917	3,447
Loss for 1917-1918	472
Total ...	3,919

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-1913. Construction Estimate closed on 31st March 1910—*vide* Government Resolution No. 299, dated 5th February 1910. Completion Report approved in Government Resolution No. 950, dated 9th May 1911.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,400	—24	1,376

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

ALIBHAR KACHERI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	23,428	770	24,198				
5. Plantations ...	3,708	...	3,803	2. Main Canals and Branches	5,316	...	5,316
6. Other canal produce		95					
10. Fines	129	...	129				
11. Miscellaneous Receipts... ...	3,289	144	3,433	4. Drainage and Protective Works ...	245	...	245
Total ...	30,554	1,009	31,563	Total ...	5,561	...	5,561
II.—INDIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
Irrigation share of Land Revenue collected in the Civil Department.	2,72,244	14,046	2,86,290	2. Main Canals and Branches	23,887	479	24,366
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A.I., dated, respectively, 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	16,448	840	17,288	3. Distributaries ..	12,672	...	12,672
				Total ...	36,559	479	37,038
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	9,108	283	9,391
				3. Executive	11,661	1,406	13,067
Total ...	2,88,692	14,886	3,03,578	Total ...	20,769	1,689	22,458
				V.—TOOLS AND PLANT...	735	97	832
Total, Receipts ...	3,19,246	15,895	3,35,141	VI.—REFUNDS OF REVENUE	19	...	19
				Total ...	63,643	2,265	65,908
				Share of Collection Charges in the Civil Department	23,588	889	24,477
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,470	236	3,706
				Total, Charges ..	90,701	3,390	94,091
				Balance Net Revenue ...	2,28,545	12,505	2,41,050
Grand Total ...	3,19,246	15,895	3,35,141	Grand Total ...	3,19,246	15,895	3,35,141

Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883:—

	Rs.
To end of 1916-1917	1,11,243
Loss for 1917-1918 ...	3,444
Total ...	1,14,687

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirec Charges for and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	3,470	236	3,706

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORK DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

MARAK GREAT CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	DIRECT CHARGES.			Cost of construction as now estimated. (Construction estimates close on 31st March 1882.)	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(2)—*Main Canals and Branches.*					
B. Land	100	962	1,062	735	100
D. Regulators	16,537	16,386	32,923	1,13,802	16,537
G. Bridges	929	...	929	929	929
K. Buildings	.....	2,775	2,775	30,081	...
L. Earth-work	1,53,063	...	1,53,063	1,53,063	1,53,063
Total, Main Canals and Branches ...	1,70,629	20,123	1,90,752	2,98,610	1,70,629
Total I.—Works ...	1,70,629	20,123	1,90,752	2,98,610	1,70,629
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	12,301	859	13,160	62,654	12,301
3. Executive	22,974	3,245	26,219		22,974
Total, Establishment ...	35,275	4,104	39,379	62,654	35,275
III.—TOOLS AND PLANT ...	1,612	287	1,899	3,522	1,612
Grand Total ...	2,07,516	24,514	2,32,030	3,64,786	2,07,516
V.—Less Receipts on Capital Account ...	80	...	80	80	80
Net Outlay ...	2,07,436	24,514	2,31,950	3,64,706	2,07,436
Apportionment.					
Chargeable to 43—Minor Works and Navigation	2,07,436	24,514	2,31,950	3,64,706	2,07,436

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

MA'RAK GREAT CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total. Previous.	1917-1918.	Total.	Charges.	Total. Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	1,13,130	2,836	1,15,966				
3. Sales of water ...	15	...	15	2. Main Canals and Branches	43,515	...	43,515
5. Plantations ...	18,676	...	20,531				
6. Other canal produce.		1,855					
8. Navigation ...	124	...	124				
9. Rents of Buildings.	143	...	143	II.—MAINTENANCE AND REPAIRS.			
10. Fines	2,395	...	2,395				
11. Miscellaneous Receipts	13,514	295	13,809	1. Head Works ...	3,416	...	3,416
Total ...	1,47,997	4,986	1,52,983	2. Main Canals an Branches	4,51,577	14,728	4,66,305
II.—INDIRECT RECEIPTS				Total ...	4,54,993	14,728	4,69,721
Irrigation share of Land Revenue collected in the Civil Department.	28,88,593	1,22,581	30,11,174	IV.—ESTABLISHMENT.			
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	55,520	3,406	58,926	1 & 2. Direction and Accounts	28,855	1,037	29,892
				3. Executive	1,60,901	9,381	1,70,282
				Total ...	1,89,756	10,418	2,00,174
				V.—TOOLS AND PLANT ...	3,379	431	3,810
				VI.—REFUNDS OF REVENUE ...	40	...	40
Total ...	29,44,113	1,25,987	30,70,100	Total ...	6,91,683	25,577	7,17,260
Total Receipts ...	30,92,110	1,30,973	32,23,083				
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 460, dated 11th August 1883 :— Rs. To end of 1916-1917 6,42,119 Loss for 1917-1918 ... 20,170 Total ... 6,62,289				Share of Collection Charges in the Civil Department	2,27,861	7,527	2,35,388
				Indirect Charges debitable to Revenue Account as per Account No. 5	28,639	1,459	30,098
				Total, Charges ...	9,48,183	34,563	9,82,746
				Balance Net Revenue ...	21,43,927	96,410	22,40,337
Grand Total ...	30,92,110	1,30,973	32,23,083	Grand Total ...	30,92,110	1,30,973	32,23,083

N.B.—Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

Marak Great Canal.

Canal Project.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs	Rs.	Rs.
1. Capitalizad Abatement of Land Revenue	1,409	145	1,554
2. Leave and Pension Allowances	6,901	575	7,476
Total ...	8,310	720	9,030
REVENUE—			
1. Capitalized Abatement of Land Revenue	772	.....	772
2 Leave and Pension Allowances	27,867	1,459	29,326
Total ...	28,639	1,459	30,098

No. 6—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against Closed Sanction.			Currrent Sanctions.			Total charges to date against old and current sanctions.	Remarks.
	Expenditure against construction estimate.	Expenditure against open capital sanctions.	Total.	Charges to date	Amount of sanctioned estimate.	Unspent balance of estimate.		
Direct Charges.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Government Resolution (Public Work Department) No. 5294, dated 12th June 1917.
Works	1,59,516	11,113	1,70,629	20,123	1,27,981	1,07,858	1,90,752	
Establishment ...	32,719	2,556	35,275	4,104	27,379	23,275	39,379	
Tools and Plant ...	1,445	167	1,612	287	1,910	1,623	1,899	
Total ...	1,93,680	13,836	2,07,516	24,514	1,57,270	1,32,756	2,32,030	
Less—Receipts on Capital Account.	80	...	80	...	...	...	80	
Net Total ...	1,93,600	13,836	2,07,436	24,514	1,57,270	1,32,756	2,31,950	
Indirect Charges								
Capitalized Abatement of Land Renue	942	467	1,409	145	159	14	1,554	
Leave and Pension Allowances ...	6,544	357	6,901	575	3,833	3,258	7,476	
Total ...	7,486	824	8,310	720	3,992	3,272	9,030	
Grand Total ...	2,01,086	14,660	2,15,746	25,234	1,61,262	1,36,028	2,40,980	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

SARFRAZWA'H CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	70,801	1,773	72,574				
5. Plantations... ...	16,643	...	19,945	2. Main Canals and Branches	40,428	878	41,306
6. Other canal produce		3,302					
8. Navigation	35	10	45				
9. Rents of buildings	...	7	7				
10. Fines	174	...	174	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts... ...	6,637	342	6,979				
Total ...	94,290	5,434	99,724	2. Main Canals and Branches	3,22,017	4,003	3,26,020
II.—INDIRECT RECEIPTS.				4. Drainage and Protective Works ...	6,778	...	6,778
Irrigation share of Land Revenue collected in the Civil Department	10,23,216	41,078	10,64,294	Total ...	3,28,795	4,003	3,32,798
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August, 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	26,837	1,294	28,131	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	26,012	456	26,468
				3. Executive	91,448	2,752	94,200
				Total ...	1,17,460	3,208	1,20,668
Total ...	10,50,053	42,372	10,92,425	V.—TOOLS AND PLANT...	1,687	141	1,828
Total, Receipts ...	11,44,343	47,806	11,92,149	VI.—REFUNDS OF REVENUE	4	...	4
Note.—Loss to the canal on account of difference between assessment of water-rates on jágbir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Total ...	4,88,374	8,230	4,96,604
				Share of Collection Charges in the Civil Department	81,380	2,571	83,951
				Indirect Charges debitable to Revenue Account as per Account No. 5	19,137	449	19,586
Rs.							
To end of 1916-1917...3,45,418							
Loss for 1917-1918 ... 8,001							
Total... 3,53,419				Total, Charges ...	5,88,891	11,250	6,00,141
				Balance Net Revenue ...	5,55,452	36,556	5,92,008
Grand Total ...	11,44,343	47,806	11,92,149	Grand Total ...	11,44,343	47,806	11,92,149

N.B.—Last Capital Account detailed in the Administrative Accounts for 1881-82. Construction Estimate closed on 31st March 1876—*vide* Government Resolution No. 1411, dated 11th September 1893. Completion Report approved in Government Resolution No. 1229, dated 1st August 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1916-1917.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	1,278	.....	1,278
2. Leave and Pension Allowances	17,859	449	18,308
Total ...	19,137	449	19,586

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated. (Construction estimates closed on 31st March 1893.)	Expenditure against closed estimates.
	Previous.	1916-1917.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
C. Works	66,278	...	66,278	66,278	66,278
K. Buildings	4,012	...	4,012	4,012	4,012
Total, Head Works ...	70,290	...	70,290	70,290	70,290
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses ...	43,303	...	43,303	43,303	43,303
B. Land	4,616	...	4,616	6,054	4,616
D. Regulators	2,11,455	2,318	2,13,773	2,14,734	2,07,664
G. Bridges	33,890	2,492	36,382	36,572	33,890
H. Escapes	2,44,313	...	2,44,313	2,44,313	2,44,313
K. Buildings	42,737	...	42,737	42,737	42,737
L. Earth-work	8,25,240	3,880	8,29,120	8,29,597	8,20,043
O. Miscellaneous	1,879	16,985	18,864	28,903	1,868
Total, Main Canals and Branches ...	14,07,433	25,675	14,33,108	14,46,213	13,98,434
(3)—*Distributaries.*					
B. Land	667	...	667	667	667
C. Works	65,540	...	65,540	65,540	65,540
L. Earth-work	32,160	...	32,160	32,160	32,160
Total, Distributaries ...	98,367	...	98,367	98,367	98,367
Total, I—Works ..	15,76,090	25,675	16,01,765	16,14,870	15,67,091
II.—ESTABLISHMENT.					
1 & 2 Direction and Accounts ...	80,332	1,155	81,487	3,48,068	79,927
3. Executive	2,59,708	4,365	2,64,073		2,58,178
Total Establishment ...	3,40,040	5,520	3,45,560	3,48,068	3,38,105
III.—TOOLS AND PLANT ...	8,889	385	9,274	9,449	8,754
Grand Total ...	19,25,019	31,580	19,56,599	19,72,387	19,13,950
V.—Less Receipts on Capital Account .	504	...	504	504	504
Net Outlay	19,24,515	31,580	19,56,095	19,71,883	19,13,446
Apportionment.					
Chargeable to 43—Minor Works and Navigation	19,24,515	31,580	19,56,095	19,71,883	19,13,446

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	13,62,672	30,482	13,93,154	2. Main Canals and Branches. ...	3,06,828	20,050	3,26,878
3. Sales of water ...	2,889	184	3,073	3. Distributaries ...	10,436	18,081	28,517
5. Plantations ...	1,39,402	157	1,46,392	Total ...	3,17,264	38,131	3,55,395
6. Other canal produce		6,833					
8. Navigation ...	64,743	...	64,743				
9. Rents of Buildings.	5,730	977	6,707	II.—MAINTENANCE AND REPAIRS.			
10. Fines	12,566	2,259	14,825				
11. Miscellaneous Receipts	1,60,362	7,967	1,68,329	1 Head Works ...	169	...	169
Total ..	17,48,364	48,859	17,97,228	2. Main Canals and Branches ...	50,65,026	95,924	51,60,950
				3. Distributaries ...	1,155	...	1,155
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department	1,78,91,612	6,21,268	1,85,12,880	Total ...	50,66,350	95,924	51,62,274
4 per cent. on $\frac{9}{10}$ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	2,14,874	14,724	2,29,598	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	3,23,933	8,749	3,32,682
				3. Executive ..	11,88,166	34,905	12,23,071
Total ...	1,81,06,486	6,35,992	1,87,42,478	Total ...	15,12,099	43,654	15,55,753
				V.—TOOLS AND PLANT ...	36,882	1,763	38,645
Total, Receipts ...	1,98,54,850	6,84,851	2,05,39,701				
Carried over ...	1,98,54,850	6,84,851	2,05,39,701	Carried over ...	69,32,595	1,79,472	71,12,067

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	1,98,54,850	6,84,851	2,05,39,701	Brought forward ...	69,32,595	1,79,472	71,12,067
				VI.—REFUNDS OF REVENUE	3,714	...	3,714
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Suspense Account ...	—216	—23	—239
				Total ...	69,36,093	1,79,449	71,15,542
Rs. To end of 1916-1917 54,97,874 Loss for 1917-1918 1,93,085 Total ...56,90,959				Share of Collection Charges in the Civil Department	14,86,976	39,498	15,26,474
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,55,472	6,601	2,62,073
				Total, Charges ...	86,78,541	2,25,548	89,04,089
				Balance Net Revenue ...	1,11,76,309	4,59,303	1,16,35,612
Grand Total ...	1,98,54,850	6,84,851	2,05 39,701	Grand Total ...	1,98,54,850	6,84,851	2,05,39,701

N.B.—Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1035, dated 27th June 1894. Completion Report approved in Government Resolution No. 1035, dated 27th June 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized Abatement of Land Revenue ..	14,412	.....	1,4412
2. Leave and Pension Allowances ...	57,074	773	57,847
Total ...	71,486	773	72,259
REVENUE—			
1. Capitalized abatement of Land Revenue ...	16,657	489	17,146
2. Leave and Pension Allowances ...	2,38,815	6,112	2,44,927
Total ...	2,55,472	6,601	2,62,073

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

FULELI CANAL.

CANAL PROJECT.

No. 6.—Statement comparing Charges to date with sanctioned Estimate.

Particulars.	Charges against closed sanction.			Current Sanctions.			Total charges to date against old and current Sanction.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
DIRECT CHARGES.								
Works	9,84,801	5,82,290	15,67,091	34,674	47,779	13,105	16,01,765	
Establishment ...	2,00,468	1,37,637	3,38,105	7,455	9,963	2,508	3,45,560	
Tools and Plant ...	1,325	7,429	8,754	520	695	175	9,274	
Total ...	11,86,594	7,27,356	19,13,950	42,649	58,437	15,788	19,56,599	
Less—Receipts on Capital Account ...	21	483	504	...	...	...	504	
Net Total ...	11,86,573	7,26,873	19,13,446	42,649	58,437	15,788	19,56,095	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	6,800	7,612	14,412	...	592	592	14,412	
Leave and Pension Allowances ...	37,536	19,267	56,803	1,044	1,395	351	57,847	
Total ...	44,336	26,879	71,215	1,044	1,987	943	72,259	
Grand Total ...	12,30,909	7,53,752	19,84,661	43,693	60,424	16,731	20,28,354	

Government Resolution (Public Work Department) No. W. L. 1637, dated 9th February 1917.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

HASANALIWAH.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,331	476	2,807	2. Main Canals and Branches	21,756	256	22,012
5. Plantation ...	3	...	3				
6. Other canal produce	1,923	65	1,988				
9. Rents of Buildings	1	...	1	II.—MAINTENANCE AND REPAIRS.			
10. Fines	339	...	339				
11. Miscellaneous Receipts	3,449	375	3,824	2. Main Canals and Branches	1,61,118	8,684	1,69,802
Total ...	8,046	916	8,962	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	12,147	614	12,761
Irrigation share of Land Revenue collected in the Civil Department ...	4,93,842	40,681	5,34,523	3. Executive	48,505	2,038	50,543
4 per cent. on $\frac{9}{10}$ ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58 A. I., dated respectively 20th June and 1st August 1889, communicated in Government Resolution No. 1209, dated 10th July, and No. 1913, dated 7th November 1889	4,776	665	5,441	Total ...	60,652	2,652	63,304
				V.—TOOLS AND PLANT ...	1,862	94	1,956
Total ...	4,98,618	41,346	5,39,964	Total ...	2,45,388	11,686	2,57,074
Total, Receipts ...	5,06,664	42,262	5,48,926	Share of Collection Charges in the Civil Department	29,757	2,484	32,241
Note.—Loss to the canal on account of difference between assessment of water-rates on jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	8,491	371	8,862
Rs.							
To end of 1916-1917. 23,749							
Loss for 1917-1918 ... 1,811							
Total ... 25,560				Total, Charges ...	2,83,636	14,541	2,98,177
				Balance Net Revenue ...	2,23,028	27,721	2,50,749
Grand Total ...	5,06,664	42,262	5,48,926	Grand Total ...	5,06,664	42,262	5,48,926

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 1907—*vide* Government Resolution No. 1802, dated 15th July 1907. Completion Report approved in Government Resolution No. 1802, dated 15th July 1907.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1916-1917.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	8,491	371	8,862

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated (construction estimate closed on 31st March 1909).	Expenditure against closed estimates.
	Previous.	1916-1917.	Total.		
I.—WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
A. Preliminary Expenses	403	...	403	403	403
B. Land	16,995	...	16,995	16,995	16,995
C. Masonry Works	5,715	...	5,715	5,715	5,715
K. Buildings	6,089	...	6,089	6,089	6,089
L. Earth-work	82,684	...	82,684	82,684	82,684
M. Plantations	134	...	134	134	134
O. Miscellaneous	1,286	...	1,286	1,286	1,286
P. Maintenance	197	...	197	197	197
Total, Head Works ...	1,13,503	...	1,13,503	1,13,503	1,13,503
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	272	...	272	272	272
B. Land	10,982	43	11,025	11,025	11,025
C(*a*). Regulators	8,233	...	8,233	8,233	8,233
C(*b*). Falls and Weirs	300	...	300	300	300
C(*c*). River and Hill Torrent Works ...	247	...	247	247	247
C(*d*). Other Cross Drainage Works ...	35,266 *—1	288	35,553	35,553	35,553
C(*e*). Bridges	7,763	3	7,766	7,766	7,766
C(*f*). Escapes	208	...	208	208	208
L. Earth-work	24,809 *1	704	25,514	25,514	25,514
M. Plantations	103	...	103	103	103
O. Miscellaneous	7,522	...	7,522	7,522	7,522
P. Maintenance	977	...	977	977	977
Total, Main Canals and Branches ...	96,682	1,038	97,720	97,720	97,720
Total, I.—Works ...	2,10,185	1,038	2,11,223	2,11,223	2,11,223
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts ...	6,188	45	6,233	6,233	6,233
3. Executive	21,519	169	21,688	21,688	21,688
Total, II.—Establishment ...	27,707	214	27,921	27,921	27,921
III.—TOOLS AND PLANT	1,811	15	1,826	1,826	1,826
Grand Total ...	2,39,703	1,267	2,40,970	2,40,970	2,40,970
V.—*Less*—Receipts on Capital Account.	743	...	743	743	743
Net Outlay ...	2,38,960	1,267	2,40,227	2,40,227	2,40,227
APPORTIONMENT.					
Chargeable to 43.—Minor Works and Navigation ...	1,81,746	1,267	1,83,013	1,83,013	1,83,013
Do. 38.—Famine Relief ...	57,214	...	57,214	57,214	57,214
Total ...	2,38,960	1,267	2,40,227	2,40,227	2,40,227

* Fraction of a rupee adjusted.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	31,156	1,583	32,739	1. Head Works ...	382	...	382
3. Sales of water ...	1,448	400	1,848	2. Main Canals and Branches... ...	5,928	2,353	8,281
5. Plantations ...	21	...	21	Total ...	6,310	2,353	8,663
6. Other Canal produce ...	358	167	525	II.—MAINTENANCE AND REPAIRS.			
9. Rents of buildings.	2	...	2	1. Head Works ...	30,925	612	31,537
11. Miscellaneous Receipts	3,566	351	3,917	2. Main Canals and Branches... ...	20,634	3,282	23,916
Total ...	36,551	2,501	39,052	Total ...	51,559	3,894	55,453
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	12,485	1,308	13,793	1 & 2. Direction and Accounts... ...	2,745	255	3,000
				3. Executive	19,868	2,253	22,121
				Total ...	22,613	2,508	25,121
				V.—TOOLS AND PLANT ...	1,180	91	1,271
				VI.—REFUNDS OF REVENUE	98	5	103
				Total ...	81,760	8,851	90,611
				Share of Collection Charges in the Civil Department	2,929	230	3,159
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,184	351	3,535
				Total, Charges ...	87,873	9,432	97,305
				Balance Net Revenue...	—38,837	—5,623	—44,460
Total, Receipts ...	49,036	3,809	52,845	Grand Total ...	49,036	3,809	52,845

N.B.—Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 902, dated 31st March 1909.
Completion Report approved in Government Resolution No. 729, dated 19th March 1910.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

WANGROLI TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	46,225	568	46,793
2. Leave and Pension Allowances	3,880	30	3,910
Total ...	50,105	598	50,703
REVENUE—			
1. Capitalized Abatement of Land Revenue	19	.....	19
2. Leave and Pension Allowances	3,165	351	3,516
Total ...	3,184	351	3,535

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works	1,83,510	27,713	2,11,223	...	...	...	2,11,223	
Establishment ...	23,033	4,888	27,921	...	...	...	27,921	
Tools and Plant ...	1,502	324	1,826	...	...	...	1,826	
Total ...	2,08,045	32,925	2,40,970	...	...	...	2,40,970	
Less—Receipts on Capital Account.	743	...	743	...	...		743	
Net Total ...	2,07,302	32,925	2,40,227	...	...	...	2,40,227	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	28,460	18,333	46,793	...	...	...	46,793	
Leave and Pension Allowances ...	3,225	685	3,910	...	...	...	3,910	
Total ...	31,685	19,018	50,703	...	...	...	50,703	
Grand Total ...	2,38,987	51,943	2,90,930	...	...	...	2,90,930	

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

TRANZA-NAGRAMA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	2,529	1,517	4,046
1. Water-rates from Irrigation ...	5,089	...	5,089	2. Main Canals and Branches ...	399	...	399
5. Plantations ...	1	...	1				
6. Other Canal produce ...	615	16	631	Total ...	2,928	1,517	4,445
10. Fines ...	16	...	16	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	2,814	291	3,105	1. Head Works ...	12,511	1,051	13,562
				2. Main Canals and Branches ...	6,755	454	7,209
Total ...	8,535	307	8,842	Total ...	19,266	1,505	20,771
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,086	136	1,222
Irrigation share of Land Revenue collected in the Civil Department	519	54	573	3. Executive ...	8,542	1,201	9,743
				Total ...	9,628	1,337	10,965
Total, Receipts ...	9,054	361	9,415	V.—TOOLS AND PLANT ...	484	44	528
				VI.—REFUNDS OF REVENUE ...	199	...	199
				Total ...	32,505	44,03	36,908
				Share of Collection Charges in the Civil Department	358	5	363
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,386	187	1,573
				Total, Charges ...	34,249	4,595	38,844
				Balance Net Revenue ...	—25,195	—4,234	—29,429
Grand Total ...	9,054	361	9,415	Grand Total ...	9,054	361	9,415

N.B.—Last Capital Account detailed in the Administrative Accounts for 1913-1914. Construction Estimate closed on 30th June 1909 —*vide* Government Resolution No. 2496, dated 12th October 1909. Completion Report approved in Government Resolution No. 1730, dated 6th August 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	38	.....	38
2. Leave and Pension Allowances	1,348	187	1,535
Total ...	1,386	187	1,573

N.B.—Last No. 6 Account detailed in the Administrative Accounts for 1914-1915.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

SAVALI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	30,587	1,191	31,778	1. Head Works ...	2,187	—27	2,160
3. Sales of water ...	20	...	20	2. Main Canals and Branches ...	1,387	996	2,383
6. Other Canal produce...	151	63	214	Total ...	3,574	969	4,543
10. Fines ...	14	...	14	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous receipts	2,903	173	3,076	1. Head Works ...	40,588	1,621	42,209
Total ...	33,675	1,427	35,102	2. Main Canals and Branches ...	10,064	1,448	11,512
II.—INDIRECT RECEIPTS.				Total ...	50,652	3,069	53,721
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,479	182	2,661
				3. Executive ...	15,959	1,600	17,559
				Total ...	18,438	1,782	20,220
Total, Receipts ...	33,675	1,427	35,102	V.—TOOLS AND PLANT...	1,051	59	1,110
				VI.—REFUNDS OF REVENUE ...	48	...	48
				Total ...	73,763	5,879	79,642
				Share of collection Charges in the Civil Department ...	1,543	60	1,603
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,031	249	3,280
				Total, Charges ...	78,337	6,188	84,525
				Balance Net Revenue ...	—44,662	—4,761	—49,423
Grand Total ...	33,675	1,427	35,102	Grand Total ...	33,675	1,427	35,102

N.B.—Last Capital Account detailed in the Administrative Accounts for 1912-13. Construction Estimate closed on 31st March 1910, *vide* Government Resolution No. 66, dated 12th January 1910. Completion Report approved in Government Resolution No. 2577, dated 15th March 1912.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	449	.....	449
2. Leave and Pension Allowances ...	2,582	249	2,831
Total ...	3,031	249	3,280

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

SAHIAT TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	10,166	8	10,174	1. Head Works ...	2,440	20	2,460
5. Plantations ...	15	...	15	2. Main Canals and Branches ...	3,976	368	4,344
6. Other Canal produce	479	198	677	3. Distributaries ...	612	...	612
11. Miscellaneous Receipts	1,414	94	1,508	Total ...	7,028	388	7,416
Total ...	12,074	300	12,374	II.—MAINTENANCE AND REPAIRS.			
II.—INDIRECT RECEIPTS.				1. Head Works ...	35,448	2,318	37,766
				2. Main Canals and Branches... ...	16,214	1,403	17,617
Irrigation share of Land Revenue collected in the Civil Department	36	8	44	Total ...	51,662	3,721	55,383
				IV.—ESTABLISHMENT.			
				1. & 2. Direction and Accounts	2,708	185	2,893
				3. Executive	16,724	1,632	18,356
Total, Receipts ...	12,110	308	12,418	Total ...	19,432	1,817	21,249
				V.—TOOLS AND PLANT ...	1,192	60	1,252
				VI.—REFUNDS OF REVENUE ...	1	...	1
				Total ...	79,315	5,986	85,301
				Share of Collection Charges in the Civil Department	511	1	512
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,722	254	2,976
				Total, Charges ...	82,548	6,241	88,789
				Balance Net Revenue ...	—70,438	—5,933	—76,371
Grand Total ...	12,110	308	12,418	Grand Total ...	12,110	308	12,418

N.B.—Last Capital Account detailed in the Administrative Accounts for 1911-12. Construction Estimate closed on 31st March 912—*vide* Government Resolution No. 2066, dated 18th October 1911. Completion Report approved in Government Resolution No. 10160 dated 7th October 1913.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	2,722	254	2,976

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

SUKI RIVER.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Paticulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	385	.....	385

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Work	...	...	...	12,212	...	—12,212	12,212	Undertaken as a Famine Relief Work and the famine outlay at normal rates has been adjusted during the year 1911-12. Outlay without an estimate approved in Government Resolution No. A.I.6022, dated 7th June 1913.
Establishment ...	...	...	...	2,749	...	—2,749	2,749	
Tools and Plant ...	...	...	...	178	...	—178	178	
Total ...	...	...	...	15,139	...	—15,139	15,139	
Less—Receipts on Capital Account...	...	...	...	...	...	...	...	
Net Total ...	...	...	...	15,139	...	—15,139	15,139	
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue	...	...	...	...	...	...	...	
Leave and Pension Allowances ...	...	...	...	385	...	—385	385	
Total ...	...	...	...	385	...	—385	385	
Grand Total ...	...	...	...	15,524	...	—15,524	15,524	

Note.—No. 2 Capital Account detailed in the Administrative Accounts for 1911-12.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

FUTELAO TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
1. Water-rates from Irrigation ...	...	196	196	1. Head Works ...	791	1,608	2,399
6. Other Canal prooduce.	60	31	91				
11. Miscellaneous Receipts	180	129	309	2. Main Canals and Branches ...	425	245	670
Total ...	240	356	596	Total ...	1,216	1,853	3,069
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	55	83	138
				3. Executive ...	433	736	1,169
				Total ...	488	819	1,307
Total, Receipts ...	240	356	596	V.—TOOLS AND PLANT...	18	27	45
				Total ...	1,722	2,699	4,421
				Share of Collection Charges in the Civil Department ...	...	10	10
				Indirect Charges debitable to Revenue Account as per Account No. 5	68	115	183
				Total, Charges ...	1,790	2,824	4,614
				Balance Net Revenue ...	—1,550	—2,468	—4,018
Grand Total ...	240	356	596	Grand Total ...	240	356	596

N.B.—Last Capital Account detailed in the Administrative Accounts for 1916-17. Construction Estimate closed on 30th November 1916.

No. 5.—*Account of Indirect Charges for, and to end of,* 1917-1918

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	68	115	183
Total ...	68	115	183

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

HARTA'LA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Total.	1917-1918.	Previous.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	16,761	290	17,051	1. Head Works ...	654	315	969
5. Plantations	6,337	1,755	8,206	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce.		114					
10. Fines	260	...	260				
11. Miscellaneous Receipts.	16,230	275	16,505				
Total ...	39,588	2,434	42,022	1. Head Works ...	5,242	858	6,100
				3. Distributaries ...	1,342	...	1,342
				Total ...	6,584	858	7,442
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	1 & 2. Direction and Accounts...	474	52	526
				3. Executive	6,220	363	6,583
Total, Receipts ...	39,588	2,434	42,022	Total ...	6,694	415	7,109
				V.—TOOLS AND PLANT...	28	17	45
				VI—REFUNDS OF REVENUE ...	2,957	...	2,957
				Total ...	16,917	1,605	18,522
				Share of Collection Charges in the Civil Department ...	1,589	27	1,616
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	952	58	1,010
				Total, Charges ...	19,458	1,690	21,148
				Balance Net Revenue ...	20,130	744	20,874
Grand Total ...	39,588	2,434	42,022	Grand Total ...	39,588	2,434	42,022

N. B.—Last Capital Account detailed in the Administrative Accounts for 1886-1887. Construction Estimate closed on 31st March 1887 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	952	58	1,010

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

MHASVA TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	29,512	542	30,054				
3. Sales of water ...	14	...	14	1. Head Works ...	6,332	350	6,682
5. Plantations ...	8,918	169	9,449	2. Main Canals and Branches ..	2,094	...	2,094
6. Other canal produce.		362		3. Distributaries ...	586	...	586
9. Rents of Buildings .	154	...	154				
10. Fines	5	...	5	Total ...	9,012	350	9,362
11. Miscellaneous Receipts ...	13,096	174	13,270	II.—MAINTENANCE AND REPAIRS.			
Total ...	51,699	1,247	52,946	1. Head Works ...	3,939	167	4,106
				2. Main Canals and Branches ...	2,679	495	3,174
II.—INDIRECT RECEIPTS.				3. Distributaries ...	16,310	98	16,408
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	22,928	760	23,688
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,916	50	1,966
				3. Executive	23,020	626	23,646
Total, Receipts ...	51,699	1,247	52,946	Total ...	24,936	676	25,612
				V.—TOOLS AND PLANT...	1,087	17	1,104
				Profit and Loss ...	149	...	149
				VI.—REFUNDS OF REVENUE	212	...	212
				Total ...	58,324	1,803	60,127
				Share of Collection Charges in the Civil Department	1,503	27	1,530
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,771	95	3,866
				Total, Charges ...	63,598	1,925	65,523
				Balance Net Revenue ...	—11,899	—678	—12,577
Grand Total ...	51,699	1,247	52,946	Grand Total ...	51,699	1,247	52,946

N.B.—Last Capital Account detailed in the Administrative Accounts for 1893-94. Construction Estimate closed on 31st March 1887—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1224, dated 31st July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue	120	...	120
2. Leave and Pension Allowances	3,651	95	3,746
Total ...	3,771	95	3,866

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IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

JAMDA CANALS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation	2,72,288	5,109	2,77,397	1. Head Works ...	4,798	3,114	7,912
3. Sales of water ...	211	1	212	2. Main Canals and Branches ...	18,171	1,858	20,029
5. Plantations	49,326	5,508	55,434	3. Distributaries ...	1,464	...	1,464
6. Other canal produce.		600		Total ...	24,433	4,972	29,405
9. Rents of Buildings ...	2,065	19	2,084	II.—MAINTENANCE AND REPAIRS.			
10. Fines	108	...	108	1. Head Works ...	18,377	1,196	19,573
11. Miscellaneous Receipts	2,689	15	2,704	2. Main Canals and Branches ...	2,25,030	3,303	2,28,333
Total ...	3,26,687	11,252	3,37,939	3. Distributaries ...	15,019	281	15,300
II.—INDIRECT RECEIPTS.				Total ...	2,58,426	4,780	2,63,206
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	20,000	423	20,423
				3. Executive	1,99,100	3,705	2,02,805
Total, Receipts ...	3,26,687	11,252	3,37,939	Total ...	2,19,100	4,128	2,23,228
				V.—TOOLS AND PLANT ...	5,368	141	5,509
				Profit and Loss ...	84	...	84
				VI.—REFUNDS OF REVENUE	1,071	14	1,085
				Total ...	5,08,482	14,035	5,22,517
				Share of Collection Charges in the Civil Department	13,550	255	13,805
				Indirect Charges debitable to Revenue Account as per Account No. 5	34,010	694	34,704
				Total, Charges ...	5,56,042	14,984	5,71,026
				Balance Net Revenue ...	-2,29,355	-3,732	-2,33,087
Grand Total ...	3,26,687	11,252	3,37,939	Grand Total ...	3,26,687	11,252	3,37,939

N.B.—Last Captial Account detailed in the Administrative Accounts for 1914-15. Construction Estimate closed on 31st March 1902—*vide* Government Resolution No. 5163, dated 1st May 1915. Completion Report approved in Government Resolution No. 5163, dated 1st May 1915.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-18.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	330	116	446
2. Leave and Pension Allowances	33,680	578	34,258
Total ...	34,010	694	34,704

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

PARSUL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	67,796	5,080	72,876	1. Head Works ...	2,469	1,144	3,613
5. Plantations... ...	689	...	689	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce.	865	41	906	1. Head Works ...	5,653	286	5,939
9. Rents of buildings ...	1	...	1	2. Main Canals and Branches ...	76	—60	16
10. Fines	22	...	22	3. Distributaries ...	3,877	250	4,127
11. Miscellaneous Receipts	377	...	377	Total ...	9,606	476	10,082
Total ...	69,750	5,121	74,871	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	915	67	982
				3. Executive	18,178	1,570	19,748
II.—INDIRECT RECEIPTS.				Total ...	19,093	1,637	20,730
Irrigation share of Land Revenue collected in the Civil Department...	...	...	...	V.—TOOLS AND PLANT ...	878	22	900
				VI.—REFUNDS OF REVENUE ...	177	...	177
Total, Receipts ...	69,750	5,121	74,871	Total ...	32,223	3,279	35,502
				Share of Collection Charges in the Civil Department	3,391	254	3,645
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,672	229	2,901
				Total, Charges ...	38,286	3,762	42,048
				Balance Net Revenue ...	31,464	1,359	32,823
Grand Total ...	69,750	5,121	74,871	Grand Total ...	69,750	5,121	74,871

N.B.—Last Capital Account detailed in the Administrative Accounts for 1897-98. Construction Estimate closed on 31st March 1896—*vide* Government Resolution No. 396, dated 14th March 1896. Completion Report approved in Government Resolution No. 241, dated 17th February 1896.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*vide* Government Resolution No. A.I.—12327, dated 18th December 1917, Rs. 637.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,672	229	2,901

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

PRAVARA LEFT BANK CANAL.

CANAL PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1917-1918.

Receipts.	TOTAL.			Charges.	TOTAL.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	2,70,056	1,770	2,71,826	1. Head Works ...	172	...	172
3. Sales of water...	29	...	29	2. Main Canals and Branches ...	4,644	...	4,644
5. Plantations ...	21,162	200	21,848	Total ...	4,816	...	4,816
6. Other canal produce ...		486		II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings ...	941	...	941	1. Head Works ...	3,374	...	3,374
10. Fines ...	1,221	2	1,223	2. Main Canals and Branches ...	1,38,525	4,282	1,42,807
11. Miscellaneous Receipts ...	7,697	141	7,838	3. Distributaries ...	11,548	...	11,548
Total ...	3,01,106	2,599	3,03,705	Total ...	1,53,447	4,282	1,57,729
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts	10,517	167	10,684
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Executive	1,50,149	2,822	1,52,971
				Total ...	1,60,666	2,989	1,63,655
				V.—TOOLS AND PLANT ...	2,860	56	2,916
Enhanced Land Revenue as per Government Resolution No. 275, dated 17th July 1880 ...	2,888	76	29,64	VI.—REFUNDS OF REVENUE	1,042	...	1,042
				Total ...	3,22,831	7,327	3,30,158
Total ...	2,888	76	2,964	Share of Collection Charges in the Civil Department.	13,831	93	13,924
Total, Receipts ...	3,03,994	2,675	3,06,669				
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	23,136	418	23,554
				Total, Charges ...	3,59,798	7,838	3,67,636
				Balance Net Revenue ...	—55,804	—5,163	—60,967
Grand Total ...	3,03,994	2,675	3,06,669	Grand Total ...	3,03,994	2,675	3,06,669

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-07. Construction Estimate closed on 31st March 1893—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1856, dated 9th December 1895.

No. 5.—*Account of Indirect Charges for, and to end of,* 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	6	...	6
2. Leave and Pension Allowances	23,130	418	23,548
Total ...	23,136	418	23,554

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

BHA'TODI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	1,215	105	1,320
1. Water-rates from Irrigation ...	1,39,755	4,173	1,43,928	2. Main Canals and Branches ...	1,561	1,725	3,286
3. Sales of water ...	4	...	4	Total ...	2,776	1,830	4,606
5. Plantations ...	7,241	...	7,485	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce ...		244		1. Head Works ...	19,900	261	20,161
9. Rents of Buildings ...	159	7	166	2. Main Canals and Branches ...	71,041	1,641	72,682
10. Fines ...	315	...	315	3. Distributaries ...	4,905	84	4,989
11. Miscellaneous Receipts ...	22,988	1,015	24,003	Total ...	95,846	1,986	97,832
Total ...	1,70,462	5,439	1,75,901	III.—COMPENSATION ...	9	...	9
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	6,060	170	6,230
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Executive ...	72,231	980	73,211
				Total ...	78,291	1,150	79,441
Revenue on lands irrigated by percolation as per Government Resolution No. 1757, dated 16th October 1891.	40,331	2,086	42,417	V.—TOOLS AND PLANT ...	1,487	56	1,543
				VI.—REFUNDS OF REVENUE.	1,239	26	1,265
				Total ...	1,79,648	5,048	1,84,696
Increased Land Revenue as per Government Resolution No. 20, dated 30th March 1878 ...	5,988	146	6,134	Share of Collection Charges in the Civil Department...	11,506	417	11,923
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	11,385	161	11,546
Total ...	46,319	2,232	48,551				
				Total, Charges ...	2,02,539	5,626	2,08,165
Total, Receipts ...	2,16,781	7,671	2,24,452	Balance Net Revenue ...	14,242	2,045	16,287
Grand Total ...	2,16,781	7,671	2,24,452	Grand Total ...	2,16,781	7,671	2,24,452

N.B.—Last Capital Account detailed in the Administrative Accounts for 1891-92. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1797, dated 19th November 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized abatement of Land Revenue	102	.....	102
2. Leave and Pension Allowances	11,283	161	11,444
Total ...	11,385	161	11,546

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

KA'SURDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	9,146	181	9,327	2. Main Canals and Branches ...	31	...	31
3. Sales of water .	20	...	20	3. Distributaries ...	80	...	80
5. Plantations ...	2,545	...	2,593	Total ...	111	...	111
6. Other canal produce ...		48		II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts ...	6,887	6	6,893	1. Head Works ...	16,326	207	16,533
				3. Distributaries ...	2,703	214	2,917
Total ...	18,598	235	18,833	Total ...	19,029	421	19,450
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	1,499	19	1,518
				3. Executive ...	9,480	200	9,680
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	Total ...	10,979	219	11,198
				V.—TOOLS AND PLANT ...	1,689	6	1,695
				Total ...	31,808	646	32,454
				Share of Collection Charges in the Civil Department.	456	9	465
Total, Receipts ...	18,598	235	18,833				
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	1,663	31	1,694
				Total, Charges ...	33,927	686	34,613
				Balance Net Revenue ...	−15,329	−451	−15,780
Grand Total ...	18,598	235	18,833	Grand Total ...	18,598	235	18,833

N.B.—Last Capital Account detailed in the Administrative Accounts for 1877-78. Construction Estimate closed on 31st March 1878—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 997, dated 21st June 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*vide* Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 100.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	1,663	31	1,694

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

SHIRSUPHAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	84,813	2,688	87,501	1. Head Works ...	606	...	606
3. Sales of water ...	3	...	3	3. Distributaries ...	144	...	144
				Total ...	750	...	750
5. Plantations ...	4,581	...	4,723	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		142		1. Head Works ...	10,821	461	11,282
10. Fines	77	...	77	2. Main Canals and Branches ...	31,378	...	31,378
11. Miscellaneous Receipts	10,979	6	10,985	3. Distributaries ...	1,752	907	2,659
Total ...	1,00,453	2,836	1,03,289	Total ...	43,951	1,368	45,319
				IV.—ESTABLISHMENT.			
II.-INDIRECT RECEIPTS				1 & 2. Direction and Accounts ...	3,889	61	3,950
				3. Executive ...	32,924	819	33,743
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	36,813	880	37,693
				V.—TOOLS AND PLANT ...	2,023	21	2,044
				VI.—REFUNDS OF REVENUE	16	...	16
Total, Receipts ...	1,00,453	2,836	1,03,289	Total ...	83,553	2,269	85,822
				Share of Collection Charges in the Civil Department	4,245	134	4,379
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,196	123	5,319
				Total, Charges ...	92,994	2,526	95,520
				Balance Net Revenue ...	7,459	310	7,769
Grand Total ...	1,00,453	2,836	1,03,289	Grand Total ...	1,00,453	2,836	1,03,289

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st October 1893 Completion Report approved in Government Resolution No. 328, dated 22nd February 1894.

Note.—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*vide* Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 334.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	5,196	123	5,319

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

BHÁDALVÁDI TANK.

TANK PROJECT.

No. 3.—*Revenue Account for, and to end of,* 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	643	...	643
				3. Distributaries ...	158	...	158
1. Water-rates from Irrigation ...	1,04,813	4,531	1,09,344	Total ...	801	...	801
3. Sales of water ...	18	...	18	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	4,727	...	4,786	1. Head Works ...	7,229	565	7,794
6. Other canal produce		59		2. Main Canals and Branches ...	336	...	336
11. Miscellaneous Receipts	1,853	1	1,854	3. Distributaries ...	31,282	1,004	32,286
Total ...	1,11,411	4,591	1,16,002	Total ..	38,847	1,569	40,416
				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts... ...	3,101	71	3,172
II.—INDIRECT RECEIPTS				3. Executive	29,204	936	30,140
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	32,305	1,007	33,312
				V.—TOOLS AND PLANT ...	1,837	23	1,860
Total, Receipts ...	1,11,411	4,591	1,16,002	VI.—REFUNDS OF REVENUE	46	...	46
				Total ...	73,836	2,599	76,435
				Share of Collection Charges in the Civil Department	5,238	227	5,465
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	4,527	141	4,668
				Total, Charges ...	83,601	2,967	86,568
				Balance Net Revenue ...	27,810	1,624	29,434
Grand Total ...	1,11,411	4,591	1,16,002	Grand Total ...	1,11,411	4,591	1,16,002

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 827, dated 17th May 1894.

Note—Loss of revenue due to concessions granted for wheat cultivation during the Rabi season 1916-17—*vide* Government Resolution No. A.I.—12327, dated 18th December 1917—Rs. 224.

No. 5.—*Account of Indirect Charges for, and to end of,* 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	4,527	141	4,668

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of Construction as now estimated.	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
1.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—WORKS.					
(1)—*Head Works.*					
A. Preliminary Expenses	...	...	...	600	...
B. Land	4,052	...	4,052	13,200	...
C. Masonry Works	...	...	...	60,033	...
K. Buildings	...	...	...	1,000	...
L. Earth-work	40,743	...	40,743	2,72,099	...
P. Maintenance	601	80	681	712	...
Total, Head Works ...	45,396	80	45,476	3,47,644	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	...	...	...	200	...
B. Land	...	...	...	80	...
C. Masonry Works	...	...	...	4,500	...
K. Buildings	...	...	...	200	...
L. Earth-work	...	...	...	1,420	...
Total, Main Canals and Branches ...	...	...	...	6,400	...
Total, I.—Works ...	45,396	80	45,476	3,54,044	...
II.—ESTABLISHMENT.					
1 & 2. Direction and Accounts	2,060	4	2,064	17,038	...
3. Executive	7,413	14	7,427	61,337	...
Total, II.—Establishment ...	9,473	18	9,491	78,375	...
III.—Tools and Plant	544	1	545	5,111	...
Grand Total ...	55,413	99	55,512	4,37,530	...
V.—*Less*—Receipts on Capital Account ...	848	122	970	...	...
Net Outlay ...	54,565	—23	54,542	4,37,530	...
APPORTIONMENT.					
Chargeable to 43.—Minor Works and Navigation ...	9,861	—23	9,838	4,37,530	...
Do. 33.—Famine Relief ...	44,704	...	44,704		
Total ...	54,565	—23	54,542	4,37,530	...

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

VICTORIA TANK.

TANK PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
CAPITAL—			
1. Capitalized abatement of Land Revenue	2,463	.....	2,463
2. Leave and Pension Allowances	1,327	3	1,330
Total ...	3,790	3	3,793

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	CHARGES AGAINST CLOSED SANCTIONS.			CURRENT SANCTIONS.			Total charges to late against old and current Sanctions.	REMARKS.
	Expenditure against construction Estimate.	Expenditure against open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	45,476	3,54,044	3,08,568	45,476	Government of India's No. 449-I. of 22nd March 1905—*vide* Government Resolution No. 1218 of 6th May 1905.
Establishment ...	...	...	...	9,491	78,375	68,884	9,491	
Tools and Plant ...	...	...	...	545	5,111	4,566	545	
Total ...	...	...	...	55,512	4,37,530	3,82,018	55,512	
Less—Receipts on Capital Account ...	...	...	...	970	...	—970	970	
Net Total ...	...	...	...	54,542	4,37,530	3,82,988	54,542	
INDIRECT CHARGES.								
Capitalized abatement of Land Revenue ...	...	...	...	2,463	12,500	10,037	2,463	
Leave and Pension Allowances	...	...	...	1,330	10,973	9,643	1,330	
Total ...	...	...	...	3,793	23,473	19,680	3,793	
Grand Total ...	...	...	...	58,335	4,61,003	4,02,668	58,335	

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

KOREGAON TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	33,090	2,687	35,777	1. Head Works ...	2,087	3,993	6,080
				2. Main Canals and Branches	285	60	345
				3. Distributaries ...	7	...	7
5. Plantations ...	1,552	...	1,642	Total ...	2,379	4,053	6,432
6. Other canal produce		90					
9. Rents of buildings.	...	1	1	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	8,201	161	8,362
				2. Main Canals and Branches ...	1,035	—112	923
11. Miscellaneous Receipts	234	64	298	3. Distributaries ...	7,892	360	8,252
Total ...	34,876	2,842	37,718	Total ...	17,128	409	17,537
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts	1,252	201	1,453
				3. Executive	13,933	1,006	14,939
Irrigation share of Land Revenue collected in the Civil Department.	*3,089	...	3,089	Total ...	15,185	1,207	16,392
				V.—TOOLS AND PLANT ...	483	67	550
				VI.—REFUNDS OF REVENUE ...	18	...	18
				Total ...	35,193	5,736	40,929
Total ...	3,089	...	3,089				
				Share of Collection Charges in the Civil Department	2,005	134	2,139
Total, Receipts ...	37,965	2,842	40,807				
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	2,128	169	2,297
				Total, Charges ...	39,326	6,039	45,365
				Balance Net Revenue ...	—1,361	—3,197	—4,558
Grand Total ...	37,965	2,842	40,807	Grand Total ...	37,965	2,842	40,807

* This amount is to end of January 1879, after which the revenue is credited as direct water-rates.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-91. Construction Estimate closed on 31st March 1892—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 654, dated 11th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	2,128	169	2,297

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

ASHTI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	39,902	...	39,902
1. Water-rates from Irrigation ...	2,35,936	18,557 / (a)308	2,54,801	2 Main Canals and Branches ...	2,926	787	3,713
3. Sales of water ...	291	...	291	3. Distributaries ...	2,234	...	2,234
5. Plantations ... / 6. Other canal produce	42,023	1,224 / 4,737	47,984	Total ...	45,062	787	45,849
9. Rents of Buildings.	505	125	630	II.—MAINTENANCE AND REPAIRS.			
10. Fines	25	...	25	1. Head Works ...	38,425	604	39,029
11. Miscellaneous Receipts	8,615	1	8,616	2. Main Canals and Branches ...	61,017	1,664	62,681
				3. Distributaries ...	4,933	119	5,052
Total ...	2,87,395	24,952	3,12,347	Total ...	1,04,375	2,387	1,06,762
				III.—COMPENSATION ...	15	...	15
				IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS				1 & 2. Direction and Accounts ...	11,708	143	11,851
				3. Executive	69,729	1,342	71,071
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Allowance for Collection of Revenue	182	...	182
				Total ...	81,619	1,485	83,104
				V.—TOOLS AND PLANT .	2,866	48	2,914
				VI.—REFUNDS OF REVENUE	997	32	1,029
Total, Receipts ...	2,87,395	24,952	3,12,347	Total ...	2,34,934	4,739	2,39,673
				Share of Collection Charges in the Civil Department	11,376	928 / (a)308	12,612
				Indirect Charges debitable to Revenue Account as per Account No. 5	11,595	208	11,803
				Total, Charges ...	2,57,905	6,183	2,64,088
				Balance Net Revenue ...	29,490	18,769	48,259
Grand Total ...	2,87,395	24,952	3,12,347	Grand Total ...	2,87,395	24,952	3,12,347

(a) Amount adjusted by credit to water-rates and debit per contra on account of collection charges for the revenue realized by the Miraj State.

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1893 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 490, dated 15th March 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	107	.....	107
2. Leave and Pension Allowances	11,488	208	11,696
Total ...	11,595	208	11,803

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

PA'THRI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	46,086	5,208	51,294	1. Head Works ...	729	...	729
3. Sales of water ...	475	...	475	2. Main Canals and Branches ...	452	11	463
				Total ...	1,181	11	1,192
5. Plantations ...	60	7	67	II.—MAINTENANCE AND REPAIRS.			
				1. Head Works ...	4,824	401	5,225
6. Other canal produce	1,325	173	1,498	2. Main Canals and Branches ...	5,051	598	5,649
				3. Distributaries ...	1,072	110	1,182
9. Rents of Buildings ...	1	...	1	Total ...	10,947	1,109	12,056
11. Miscellaneous Receipts ...	375	4	379	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	550	50	600
				3. Executive ...	5,896	465	5,861
Total ...	48,322	5,392	53,714	Total ...	5,946	515	6,461
				V.—TOOLS AND PLANT ...	867	17	884
				VI.—REFUNDS OF REVENUE	...	4	4
II.—INDIRECT RECEIPTS.							
				Suspense Account ..	—46	...	—46
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	Total ...	18,895	1,656	20,551
				Share of Collection Charges in the Civil Department	2,305	260	2,565
				Indirect Charges debitable to Revenue Account as per Account No. 5	832	72	904
				Total, Charges ...	22,032	1,988	24,020
Total, Receipts ...	48,322	5,392	53,714	Balance Net Revenue ...	26,290	3,404	29,694
Grand Total ...	48,322	5,392	53,714	Grand Total ...	48,322	5,392	53,714

N.B.—Last Capital Account detailed in the Administrative Accounts for 1915-16.
Construction Estimate closed on 31st March 1909—*vide* Government Resolution No. 1654, dated 6th July 1902.
Completion Report approved in Government Resolution No. 2452, dated 22nd November 1910.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	832	72	904

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

REVA'RI CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	TOTAL. Previous.	1916-1917.	Total.	Charges.	TOTAL. Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
				1. Head Works ...	510	...	510
1. Water-rates from Irrigation ...	1,85,033	5,579	1,90,612	2. Main Canals and Branches ...	1,117	...	1,117
				Total ...	1,627	...	1,627
3. Sales of water ...	11	...	11	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	5,228	...	6,099	1. Head Works ...	1,535	33	1,568
6. Other canal produce		871		2. Main Canals and Branches ...	53,937	983	54,920
				3. Distributaries ...	270	...	270
9. Rents of Buildings.	807	28	835				
10. Fines ...	...	101	101	Total ...	55,742	1,016	56,758
11. Miscellaneous Receipts ...	4	...	4	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	2,424	46	2,470
				3. Executive ...	35,840	454	36,294
Total ...	1,91,083	6,579	1,97,662	Total ...	38,264	500	38,764
				V.—TOOLS AND PLANT ...	1,756	15	1,771
II.—INDIRECT RECEIPTS.							
				VI.—REFUNDS OF REVENUE	19	...	19
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	Total ...	97,408	1,531	98,939
				Share of Collection Charges in the Civil Department	9,212	284	9,496
Total, Receipts ...	1,91,083	6,579	1,97,662				
				Indirect Charges debitable to Revenue Account as per Account No. 5	6,421	70	6,491
				Total, Charges ...	1,13,041	1,885	1,14,926
				Balance Net Revenue ...	78,042	4,694	82,736
Grand Total ...	1,91,083	6,579	1,97,662	Grand Total ...	1,91,083	6,579	1,97,662

N.B.—Last Capital Account detailed in the Administrative Accounts for 1895-96. Construction Estimate closed on 31st March 1893 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	6,421	70	6,491

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

Upper Man River Works.

Tank Project.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—Direct Receipts				I.—Extensions and Improvements.			
1. Water-rates from Irrigation ...	1,40,641	5,257	1,45,898	1. Head Works ...	20,355	...	20,355
3. Sales of water ...	6	...	6	3. Distributaries ...	170	...	170
5. Plantations ...	7,924	...	8,064	Total ...	20,525	...	20,525
6. Other canal produce.		140		II.—Maintenance and Repairs.			
9. Rents of Buildings...	968	3	971	1. Head Works ...	15,450	236	15,686
10. Fines	3	...	3	2 Main Canals and Branches ...	2,834	278	3,112
11. Miscellaneous Receipts ..	252	...	252	3. Distributaries ...	69,506	612	70,168
Total ...	1,49,794	5,400	1,55,194	Total ...	87,840	1,126	88,966
				III.—Compensation ...	1	...	1
II.—Indirect Receipts				IV.—Establishment.			
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	1 & 2. Direction and Accounts... ...	5,040	50	5,090
				3. Executive	46,330	675	47,005
				Total ...	51,370	725	52,095
				V.—Tools and Plant ...	3,084	17	3,101
Total, Receipts ...	1,49,794	5,400	1,55,194	VI.—Refunds of Revenue	167	...	167
				Total ...	1,62,987	1,868	1,64,855
				Share of Collection Charges in the Civil Department	7,023	263	7,286
				Indirect Charges debitable to Revenue Account as per Account No. 5...	7,769	102	7,871
				Total, Charges ...	1,77,779	2,233	1,80,012
				Balance Net Revenue ...	—27,985	3,167	—24,818
Grand Total ..	1,49,794	5,400	1,55,194	Grand Total ...	1,49,794	5,400	1,55,194

N.B.—Last Capital Account detailed in the Administrative Accounts for 1900-01. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue.	24	.....	24
2. Leave and Pension Allowances	7,745	102	7,847
Total ...	7,769	102	7,871

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

YERLA RIVER IRRIGATION WORKS.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	3,93,696	17,177	4,10,873	1. Head Works ...	47,369	...	47,369
3. Sales of water ...	23	...	23	2. Main Canals and Branches	965	...	965
5. Plantations ...	24,352	...	25,823	Total ...	48,334	...	48,334
6. Other canal produce		1,471					
9. Rents of Buildings.	934	...	934				
10. Fines	20	100	120	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	1,776	...	1,776	1. Head Works ...	38,337	847	39,184
				2. Main Canals and Branches	1,11,599	3,413	1,15,012
Total ...	4,20,801	18,748	4,39,549	3. Distributaries ...	23,020	978	23,998
				Total ...	1,72,956	5,238	1,78,194
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department	...	...	...	1 & 2. Direction and Accounts ...	10,008	236	10,244
				3. Executive ...	90,789	2,410	93,199
				Total ...	1,00,797	2,646	1,03,443
Total, Receipts ...	4,20,801	18,748	4,39,549	V.—TOOLS AND PLANT ...	3,790	78	3,868
				VI.—REFUNDS OF REVENUE	57	...	57
				Total ...	3,25,934	7,962	3,33,896
				Share of Collection Charges in the Civil Department	19,679	859	20,538
				Indirect Charges debitable to Revenue Account as per Account No. 5	15,316	370	15,686
				Total, Charges ...	3,60,929	9,191	3,70,120
				Balance Net Revenue ...	59,872	9,557	69,429
Grand Total ...	4,20,801	18,748	4,39,549	Grand Total ...	4,20,801	18,748	4,39,549

N.B.—Last Capital Account detailed in the Administrative Accounts for 1907-08. Construction Estimate closed on 31st March 1896 —*vide* Government Resolution No. 666, dated 12th May 1896. Completion Report approved in Government Resolution No. 1419, dated 8th October 1897.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1916-1917.	Total.
REVENUE—	Rs.	Rs.	Rs.
2. Leave and Pension Allowances	15,316	370	15,686

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

CHIKHLI CANAL.

TANK PROJECT.

No 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	62,095	2,170	64,265	1. Head Works ...	968	...	968
3. Sales of water ...	1	...	1	2. Main Canals and Branches... ...	553	...	553
5. Plantations ..	5,586	...	...	Total ...	1,521	...	1,521
6. Other canal produce		27	5,613				
9. Rents of buildings.	50	...	50	II.—MAINTENANCE AND REPAIRS.			
11. Miscellaneous Receipts	80	...	80	1. Head Works ...	1,166	...	1,166
				2. Main Canals and Branches... ...	31,270	509	31,779
Total ...	67,812	2,197	70,009				
				Total ...	32,436	509	32,945
II.—INDIRECT RECEIPTS.							
				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...			...	1 & 2. Direction and Accounts ...	1,544	23	1,567
				3. Executive ...	19,311	207	19,518
Total, Receipts ...	67,812	2,197	70,009	Total ...	20,855	230	21,085
				V.—TOOLS AND PLANT ...	464	8	472
				VI.—REFUNDS OF REVENUE	158	...	158
				Total ...	55,434	747	56,181
				Share of Collection Charges in the Civil Department	3,109	109	3,218
				Indirect Charges debitable to Revenue Account as per Account No. 5	3,464	32	3,496
				Total, Charges ...	62,007	888	62,895
				Balance Net Revenue ...	5,805	1,309	7,114
Grand Total ...	67,812	2,197	70,009	Grand Total ...	67,812	2,197	70,009

N. B.—Last Capital Account detailed in the Administrative Accounts for 1882-83. Construction Estimate closed on 31st March 1883—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 489, dated 15th March 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1916-1917.

Particulars.	Previous.	1916-1917.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances ...	3,464	32	3,496

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

MAINI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	2,15,181	8,687	2,23,868	1. Head Works ...	16,811	...	16,811
5. Plantations ...	8,353	...	8,379	3. Distributaries ...	123	...	123
6. Other canal produce		26		Total ...	16,934	...	16,934
9. Rents of Buildings	319	...	319	II.—MAINTENANCE AND REPAIRS.			
10. Fines	54	...	54	1. Head Works ...	12,901	338	13,239
11. Miscellaneous Receipts	102	...	102	2. Main Canals and Branches ...	535	...	535
				3. Distributaries ...	63,421	1,062	64,483
Total ...	2,24,009	8,713	2,32,722	Total ...	76,857	1,400	78,257
II.—INDIRECT RECEIPTS				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	3,880	63	3,943
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive ...	42,561	872	43,433
				Total ...	46,441	935	47,376
				V.—TOOLS AND PLANT...	2,270	21	2,291
				VI.—REFUNDS OF REVENUE	82	...	82
Total, Receipts ...	2,24,009	8,713	2,32,722	Total ...	1,42,584	2,356	1,44,940
				Share of Collection Charges in the Civil Department	10,764	434	11,198
				Indirect Charges debitable to Revenue Account as per Account No. 5	7,163	131	7,294
				Total, Charges ...	1,60,511	2,921	1,63,432
				Balance Net Revenue ...	63,498	5,792	69,290
Grand Total ...	2,24,009	8,713	2,32,722	Grand Total ...	2,24,009	8,713	2,32,72

N.B.—Last Capital Account detailed in the Administrative Accounts for 1906-1907. Construction Estimate closed on 31st March 1892 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 815, dated 22nd May 1895.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue ...	288	.....	288
2. Leave and Pension Allowances ...	6,875	131	7,006
Total ...	7,163	131	7,294

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

MUCHKUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	1,855	...	1,855	1. Head Works ...	410	...	410
3. Sales of Water ...	330	...	330	2. Main Canals and Branches ...	487	24	511
5. Plantations ...	12,541	...	13,172	Total ...	897	24	921
6. Other canal produce ...		631		II.—MAINTENANCE AND REPAIRS.			
10. Fines ...	1	...	1	1. Head Works ...	5,084	...	5,084
11. Miscellaneous Receipts ...	1,771	...	1,771	2. Main Canals and Branches ...	3,344	83	3,427
Total ...	16,498	631	17,129	Total ...	8,428	83	8,511
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	390	5	395
Irrigation share of Land Revenue collected in the Civil Department ...	...	...	...	3. Executive ...	3,011	81	3,092
				Total ...	3,401	86	3,487
Total, Receipts ...	16,498	631	17,129	V.—TOOLS AND PLANT...	104	2	106
				Total ...	12,830	195	13,025
				Share of Collection Charges in the Civil Department ...	114	...	114
				Indirect Charges debitable to Revenue Account as per Account No. 5	474	12	486
				Total, Charges ...	13,418	207	13,625
				Balance Net Revenue ...	3,080	424	3,504
Grand Total ...	16,498	631	17,129	Grand Total ...	16,498	631	17,129

N.B.—Last Capital Account detailed in the Administrative Accounts for 1890-1891. Construction Estimate closed on 31st March 1891—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 662, dated 12th April 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	474	12	486

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS ...	...	...	...
1. Water-rates from Irrigation ...	8,959	...	8,959				
5. Plantations ...	84	...	84	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		...					
Total ...	9,043	...	9,043	1. Head Works	8,010	109	8,119
				Total ...	8,010	109	8,119
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department ...	70,006	2,061	72,067	1 & 2. Direction and Accounts ...	377	5	382
				3. Executive	1,419	19	1,438
Total, Receipts ...	79,049	2,061	81,110	Total ...	1,796	24	1,820
				V.—TOOLS AND PLANT ...	31	2	33
				VI.—REFUNDS OF REVENUE.	2,021	...	2,021
				Total ...	11,858	135	11,993
Carried over ...	79,049	2,061	81,110	Carried over ...	11,858	135	11,993

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

GADIKERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
Brought forward ...	79,049	2,061	81,110	Brought forward ...	11,858	135	11,993
				Share of Collection Charges in the Civil Department .	7,900	206	8,106
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	251	3	254
				Total, Charges ...	20,009	344	20,353
				Balance Net Revenue ...	59,040	1,717	60,757
Grand Total ...	79,049	2,061	81,110	Grand Total ...	79,049	2,061	81,110

N.B.—Last Capital Account detailed in the Administrative Accounts for 1905-1906. Construction Estimate closed on 31st March 1882 —*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 101, dated 18th January 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	251	3	254

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

GOKA'K CANAL—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.		Rs.
1. Water-rates from Irrigation ...	7,29,208	29,573	7,58,781	1. Head Works ..	4,979	884	5,863
3. Sales of water ...	6,231	345	6,576	2. Main Canals and Branches ...	1,134	...	1,134
5. Plantations ...	21,672	345	24,345	Total ...	6,113	884	6,997
6. Other canal produce.		2,328					
7. Water-power ...	3,51,968	14,313	3,66,281	II.—MAINTENANCE AND REPAIRS.			
9. Rents of Buildings.	849	5	854	1. Head Works ...	60,152	3,730	63,882
10. Fines	44	...	44	2. Main Canals and Branches ...	35,752	1,151	36,903
11. Miscellaneous Receipts	20,991	1,306	22,297	3. Distributaries ...	23,543	706	24,249
Total ...	11,30,963	48,215	11,79,178	Total ...	1,19,447	5,587	1,25,034
II.—INDIRECT RECEIPTS				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	5,824	291	6,115
				3. Executive	93,590	4,686	98,276
				Total ...	99,414	4,977	1,04,391
Total, Receipts ...	11,30,963	48,215	11,79,178	V.—TOOLS AND PLANT...	9,510	97	9,607
				VI.—REFUNDS OF REVENUE... ...	2,251	990	3,241
				Total ...	2,36,735	12,535	2,49,270
				Share of Collection Charges in the Civil Department	41,257	1,503	42,760
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	13,917	697	14,614
				Total, Charges ...	2,91,909	14,735	3,06,644
				Balance Net Revenue ...	8,39,054	33,480	8,72,534
Grand Total ...	11,30,963	48,215	11,79,178	Grand Total ...	11,30,963	48,215	11,79,178

N. B.—Last Capital Account detailed in the Administrative Accounts for 1906-07 and No. 6 in 1909-1910. Construction Estimate closed on 31st March 1897—*vide* Government Resolution No. 1393, dated 2nd October 1897. Completion Report approved in Government Resolution No. 327, dated 10th February 1900.

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

GOKÁK CANAL.—FIRST SECTION AND STORAGE WORKS.

CANAL PROJECT.

No. 4.—Interest Account for, and to end of, 1917-1918.

	Amount.		Amount.
	Rs.		Rs.
Total Interest charges to end of 1916-1917.	5,35,888	Net Revenue realized to end of 1916-1917.	3,743
Interest charges for the year 1917-1918 ...	13,925	Do. during 1917-1918 ...	...
			3,743
		Balance net Interest charges ...	5,46,070
Total ...	5,49,813	Total ...	5,49,813

Interest on outlay charged to 35—Protective Works as per Government of India's No. 4-A. I. of 19th January 1891.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	13,917	697	14,614

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

DAMBAL TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	634	...	634
1. Water-rates from Irrigation ...	17,432	329	17,761	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	12,461	...	12,804	1. Head Works ...	13,444	286	13,730
6. Other canal produce		343		3. Distributaries ...	670	...	670
11. Miscellaneous Receipts	384	...	384	Total ...	14,114	286	14,400
Total ...	30,277	672	30,949	IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	622	12	634
				3. Executive	13,330	428	13,758
II.—INDIRECT RECEIPTS.				Total ...	13,952	440	14,392
				V.—TOOLS AND PLANT ...	9	4	13
Irrigation share of Land Revenue collected in the Civil Department.	31,266	916	32,182	VI.—REFUNDS OF REVENUE ...	126	...	126
				Total ...	28,835	730	29,565
Total, Receipts ...	61,543	1,588	63,131	Share of Collection Charges in the Civil Department	4,180	108	4,288
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,085	62	2,147
				Total, Charges ...	35,100	900	36,000
				Balance Net Revenue...	26,443	688	27,131
Grand Total ...	61,543	1,588	63,131	Grand Total ...	61,543	1,588	63,131

N.B.—Last Capital Account detailed in the Administrative Accounts for 1885-86.

Construction Estimate closed on 31st March 1886—*vide* Government Resolution No. 1411, dated 12th September 1893.

Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	124	.....	124
2. Leave and Pension Allowances	1,961	62	2,023
Total ...	2,085	62	2,147

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

MEDLERI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.	I.—EXTENSIONS AND IMPROVEMENTS.	Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				1. Head Works ...	141	...	141
1. Water-rates from Irrigation ...	17,846	804	18,650	II.—MAINTENANCE AND REPAIRS.			
5. Plantations ...	821	...	1,051	1. Head Works ...	13,243	294	13,537
6. Other canal produce		230		2. Main Canals and Branches ...	24	...	24
11. Miscellaneous Receipts ...	88	...	88	3. Distributaries ...	2,191	...	2,191
Total ...	18,755	1,034	19,789	Total ...	15,458	294	15,752
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
				1 & 2. Direction and Accounts ...	645	13	658
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	3. Executive ...	12,352	420	12,772
				Total ...	12,997	433	13,430
				V.—TOOLS AND PLANT ..	8	4	12
Total, Receipts ...	18,755	1,034	19,789	VI.—REFUNDS OF REVENUE.	299	...	299
				Total ...	28,903	731	29,634
				Share of Collection Charges in the Civil Department	891	40	931
				Indirect Charges debitable to Revenue Account as per Account No. 5	1,818	61	1,879
				Total, Charges ...	31,612	832	32,444
				Balance Net Revenue ...	—12,857	202	—12,655
Grand Total ...	18,755	1,034	19,789	Grand Total ...	18,755	1,034	19,789

N. B.—Last Capital Account detailed in the Administrative Accounts for 1887-88. Construction Estimate closed on 31st March 1888—, *vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138 dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	1,818	61	1,879

IRRIGATION BRANCH. BOMBAY PRESIDENCY

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

MADAG TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	92,901	2,990	95,891	2. Main Canals and Branches ...	1,537	...	1,537
5. Plantations ...	6,694	95	6,947	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		158		1. Head Works ...	1,462	607	2,069
11. Miscellaneous Receipts	81	247	328	2. Main Canals and Branches ...	48,677	...	48,677
Total ...	99,676	3,490	1,03,166	Total ...	50,139	607	50,746
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	...	...	...	1 & 2. Direction and Accounts ...	1,908	28	1,936
				3. Executive	33,412	701	34,113
				Total ...	35,320	729	36,049
Total, Receipts ...	99,676	3,490	1,03,166	V.—TOOLS AND PLANT ...	559	9	568
				Total ...	87,555	1,345	88,900
				Share of Collection Charges in the Civil Department .	4,657	162	4,819
				Indirect Charges debitable to Revenue Account as per Account No. 5 ...	5,577	102	5,679
				Total, Charges ...	97,789	1,609	99,398
				Balance Net Revenue ...	1,887	1,881	3,768
Grand Total ...	99,676	3,490	1,03,166	Grand Total ...	99,676	3,490	1,03,166

N.B.—Last Capital Account detailed in the Administrative Accounts for 1888-89. Construction Estimate closed on 31st March 1889—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	191-71918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances...	5,577	102	5,679

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

ASUNDI TANK.

TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.—EXTENSIONS AND IMPROVEMENTS.			
1. Water-rates from Irrigation ...	16,558	748	17,306	1. Head Works ...	219	...	219
5. Plantations... ...	1,591	...	1,685	II.—MAINTENANCE AND REPAIRS.			
6. Other canal produce		94		1. Head Works ...	22,995	295	23,290
10. Fines	19	...	19	3. Distributaries ...	2,043	...	2,043
11. Miscellaneous Receipts	38	...	38	Total ...	25,038	295	25,333
Total ..	18,206	842	19,048	IV.—ESTABLISHMENT.			
II.—INDIRECT RECEIPTS.				1 & 2. Direction and Accounts ...	1,226	13	1,239
Irrigation share of Land Revenue collected in the Civil Department ...	19,019	687	19,706	3. Executive	19,966	439	20,405
				Total ...	21,192	452	21,644
				V.—TOOLS AND PLANT ...	509	4	513
				Total ...	46,958	751	47,709
Total, Receipts ...	37,225	1,529	38,754	Share of Collection Charges in the Civil Department	2,752	106	2,858
				Indirect Charges debitable to Revenue Account as per Account No. 5	2,977	63	3,040
				Total, Charges ...	52,687	920	53,607
				Balance Net Revenue ...	—15,462	609	—14,853
Grand Total ...	37,225	1,529	38,754	Grand Total ...	37,225	1,529	38,754

N. B.—Last Capital Account detailed in the Administrative Accounts for 1889-90. Construction Estimate closed on 31st March 1890—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1916-1917.

Particulars.	Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.
REVENUE—			
1. Capitalized Abatement of Land Revenue	9	.....	9
2. Leave and Pension Allowances	2,968	63	3,031
Total ...	2,977	63	3,040

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

Dharma Canal.

Canal Project.

No. 2.—Capital Account for, and to end of, 1917-1918.

Heads of Account.	Direct Charges.			Cost of construction as now estimated.	Expenditure against closed estimates.
	Previous.	1917-1918.	Total.		
I.—Works.	Rs.	Rs.	Rs.	Rs.	Rs.
(1)—*Head Works.*					
K. Buildings.	2,286	...	2,286	2,286	...
(2)—*Main Canals and Branches.*					
A. Preliminary Expenses	1,775	...	1,775	1,775	...
B. Land	476	...	476	476	...
D. Regulators	18,160	233	18,393	18,607	...
F. River and Hill Torrent Works ...	18,163	276	18,439	18,523	...
G. Bridges	868	...	868	875	...
H. Escapes	6,741	953	7,694	7,514	...
K. Buildings	3,170	215	3,385	3,386	...
L. Earth-work	16,025	244	16,269	17,022	...
O. Miscellaneous	1,868	2,487	4,355	7,334	...
Total, Main Canals and Branches ...	67,246	4,408	71,654	75,512	...
Total, I.—Works ...	69,532	4,408	73,940	77,798	...
II.—Establishment.					
1 & 2. Direction and Accounts	3,622	159	3,781	3,479	...
3. Executive	11,388 *1	604	11,993	13,145	...
Total, Establishment ...	15,011	763	15,774	16,624	...
III.—Tools and Plant ...	994 —1	53	1,046	1,160	...
Grand Total ...	85,536	5,224	90,760	95,582	...
V.—*Less* Receipts on Capital Account					
Net Outlay ...	85,536	5,224	90,760	95,582	...
Apportionment.					
Chargeable to 43—Minor Works and Navigation	85,536	5,224	90,760	95,582	...

* Fraction of a rupee adjusted.

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				II.—MAINTENANCE AND REPAIRS.			
1. Water-rates from Irrigation ...	6,030	2,868	8,898	1. Head Works ...	4,317	1,108	5,425
6. Other canal produce.	10	11	21	2. Main Canals and Branches ...	2,071	...	2,071
11. Miscellaneous Receipts ..	393	18	411	Average expenditure before Improvements .	—5,560	—1,390	—6,950
Total ...	6,433	2,897	9,330	Total ...	828	—282	546
II.—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department.	72,780	18,195	90,975	1 & 2. Direction and Accounts ...	211	40	251
Average Indirect Revenues as per Government Resolution No. A.I.—1650, dated 16th August 1911 ...	—92,624	—23,156	—115,780	3. Executive ...	5,066	707	5,773
				Total ...	5,277	747	6,024
Total ..	—19,844	—4,961	—24,805	V.—TOOLS AND PLANT ...	44	13	57
				Total ...	6,149	478	6,627
Total, Receipts ...	—13,411	—2,064	—15,475	Share of Collection Charges in the Civil Department ...	—1,663	—352	—2,015
				Indirect Charges debitable to Revenue Account as per Account No. 5	739	105	844
				Total, Charges ..	5,225	231	5,456
				Balance Net Revenue ...	—18,636	—2,295	—20,931
Grand Total ...	—13,411	—2,064	—15,475	Grand Total ...	—13,411	—2,064	—15,475

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

DHARMA CANAL.

CANAL PROJECT.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1917-1918.	Total.
CAPITAL—	Rs.	Rs.	Rs.
1. Capitalized Abatement of Land Revenue ...	2	.....	2
2. Leave and Pension Allowances ...	2,101	107	2,208
Total ...	2,103	107	2,210
REVENUE—			
2. Leave and Pension Allowances ...	739	105	844

No. 6.—Statement comparing Charges to date with Sanctioned Estimates.

Particulars.	Charges against closed Sanctions.			Current Sanctions.			Total charges to date against old and current Sanctions.	Remarks.
	Expenditure against construction Estimate.	Expenditure against Open Capital Sanctions.	Total.	Charges to date.	Amount of sanctioned Estimate.	Unspent balance of Estimate.		
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Works ...	...	...	...	73,940	77,798	3,858	73,940	
Establishment ...	...	...	...	15,774	16,624	850	15,774	
Tools and Plant ...	...	...	...	1,046	1,160	114	1,046	
Total ...	...	...	...	90,760	95,582	4,822	90,760	
Less—Receipts on Capital Account.	...	...	...	...	...	...	...	
Net Total ...	...	...	...	90,760	95,582	4,822	90,760	Revised Estimate sanctioned in Government Resolution No. W. I. 4695 (P. W. D.), dated 4th May 1916.
INDIRECT CHARGES.								
Capitalized Abatement of Land Revenue ...	...	...	...	2	425	423	2	
Leave and Pension Allowances ...	...	...	...	2,208	2,327	119	2,208	
Total ...	...	...	...	2,210	2,752	542	2,210	
Grand Total ...	...	...	...	92,970	98,334	5,364	92,970	

IRRIGATION BRANCH. **BOMBAY PRESIDENCY.**

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.
43.—MINOR WORKS AND NAVIGATION.
MAVINKOP TANK.
TANK PROJECT.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipt.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
I.—DIRECT RECEIPTS.				I.— EXTENSIONS AND IMPROVEMENTS.			
5. Plantations ...	28	...	28	1. Head Works ...	1,440	...	1,440
6. Other canal produce .		...		3. Distributaries ...	158	...	158
11. Miscellaneous Receipts	169	...	169	Total ...	1,598	...	1,598
				II.—MAINTENANCE AND REPAIRS.			
Total ...	197	...	197	1. Head Works ...	3,901	158	4,059
				3. Distributaries ..	348	...	348
				Total ...	4,249	158	4,407
II—INDIRECT RECEIPTS.				IV.—ESTABLISHMENT.			
Irrigation share of Land Revenue collected in the Civil Department .	54,889	2,244	57,133	1 & 2. Direction and Accounts ...	268	7	275
				3. Executive ..	4,185	220	4,405
				Total ...	4,453	227	4,680
Total ...	54,889	2,244	57,133	V.—TOOLS AND PLANT .	14	3	17
				Total ..	10,314	388	10,702
Total. Receipts ..	55,086	2,244	57,330	Share of Collection Charges in the Civil Department ...	5,498	224	5,722
				Indirect Charges debitable to Revenue Account as per Account No. 5	624	32	656
				Total, Charges ...	16,436	644	17,080
				Balance Net Revenue ...	38,650	1,600	40,250
Grand Total ...	55,086	2,244	57,330	Grand Total ...	55,086	2,244	57,330

N.B.—Last Capital Account detailed in the Administrative Accounts for 1901-02. Construction Estimate closed on 31st March 1882—*vide* Government Resolution No. 1411, dated 12th September 1893. Completion Report approved in Government Resolution No. 1138, dated 16th July 1894.

No. 5.—Account of Indirect Charges for, and to end of, 1917-1918.

Particulars.	Previous.	1916-1917.	Total
	Rs.	Rs.	Rs.
REVENUE—			
2. Leave and Pension Allowances	624	32	656

IRRIGATION BRANCH. BOMBAY PRESIDENCY.

PUBLIC WORKS DEPARTMENT.

ADMINISTRATIVE ACCOUNTS FOR THE YEAR 1917-1918.

43.—MINOR WORKS AND NAVIGATION.

WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.

SIND.

No. 3.—Revenue Account for, and to end of, 1917-1918.

Receipts.	Total.			Charges.	Total.		
	Previous.	1917-1918.	Total.		Previous.	1917-1918.	Total.
I.—DIRECT RECEIPTS.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.
1. Water-rates from Irrigation ...	4,43,456	22,384	4,65,840	I.—EXTENSIONS AND IMPROVEMENTS ...	21,47,175	90,665	22,37,840
3. Sales of water ...	570	528	1,098				
4. Water supply of towns ...	1	...	1				
5. Plantations ...	2,39,552	1,004	2,68,957	II.—MAINTENANCE AND REPAIRS ...	91,52,977	5,42,881	96,95,858
6. Other canal produce		28,401					
8. Navigation ...	22	10	32				
9. Rents of buildings.	27,047	3,307	30,354				
10. Fines	32,764	2,967	35,731				
11. Miscellaneous Receipts ...	3,82,062	21,393	4,03,455	IV.—ESTABLISHMENT.			
Receipts from 1874-75 to 1899-1900.	12,02,054	...	12,02,054	1 & 2. Direction and Accounts ...	4,83,090	18,910	5,02,000
Total ...	23,27,528	79,994	24,07,522	3. Executive	17,65,465	92,365	18,57,830
II.—INDIRECT RECEIPTS.							
Irrigation share of Land Revenue collected in the Civil Department ...	4,01,73,100	22,86,593	4,24,59,693	Total ...	22,48,555	1,11,275	23,59,830
4 per cent. on 9/10ths of the proceeds from sales of occupancy rights per Government of India Nos. 53 and 58-A. I., dated respectively 20th June and 1st Aug. 1889, communicated in Government Resolutions No. 1209, dated 10th July, and No. 1913, dated 7th November 1889.	7,29,798	50,172	7,79,970	V.—TOOLS AND PLANT ...	9,352	—8,128	1,224
				VI.—REFUNDS OF REVENUE ...	—32	55	23
				Suspense Accounts ...	—2,564	2,101	—463
Receipts from 1874-75 to 1899-1900 ...	4,71,38,677	...	4,71,38,677	Total ...	1,35,55,463	7,38,849	1,42,94,312
Total ...	8,80,41,575	23,36,765	9,03,78,340				
Total, Receipts ...	9,03,69,103	24,16,759	9,27,85,862	Share of Collection Charges in the Civil Department	24,58,980	1,38,967	25,97,947
Note.—Loss to the canal on account of difference between assessment of water-rates on Jághir lands and assessment at the ordinary rates in force for Government lands noted here per Government of India letter No. 233-I., dated 14th June 1883, communicated under Government Resolution No. 400, dated 11th August 1883.				Indirect Charges debitable to Revenue Account as per Account No. 5	*	*	*
				Charges from 1874-75 to 1899-1900 ...	2,22,85,677	...	2,22,85,677
Rs.							
To end of 1916-1917 ... 35,04,461							
Loss for 1917-1918 ... 1,58,597							
Total ... 36,63,058							
				Total, Charges ...	3,83,00,120	8,77,816	3,91,77,936
				Balance Net Revenue ...	5,20,68,983	15,38,943	5,36,07,926
Grand Total ...	9,03,69,103	24,16,759	9,27,85,862	Grand Total ...	9,03,69,103	24 16,759	9,27,85,862

* Not calculated in respect of works for which only Revenue Accounts are kept.

N.B.—This account has been prepared in accordance with the instructions contained in Government of India's No. 686-C.W.I., dated 10th June 1901, communicated in Government Resolution No. A. I.—1453, dated 12th July 1901.

BOMBAY : PRINTED AT THE GOVERNMENT CENTRAL PRESS.

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, DECCAN AND GUJARAT,

FOR THE YEAR 1917-1918.

STATEMENT

Statement of Canals in the Bombay

Source of Supply of Water.	(1) Pravara Right Bank Canal.	(2) Girna Left Bank Canal.	(3) Godávari Canals. Godávari Right Bank Canal.	(3) Godávari Canals. Godávari Left Bank Canal.	(4) Nira Left Bank Canal.	(8) Nira Right Bank Canal.	(9) Háthmati and Khári Cut Canals combined. Háthmati Canal.	(9) Háthmati and Khári Cut Canals combined. Khári Cut Canal.
	Pravara River.	Girna River.	Godávari River.		River Nira and Reservoir at Bhátghar.	River Nira and Reservoir at Vir.	Háthmati River.	Khári River.
Minimum discharge per second. C. ft. per second.	K. 15·88 R. 103·54 H. 10·00	K. 240·22 R. 161·00 H. Supplied from Chank apur Tank.	K. 90·00 R. 83·00 H. 93·00	K. 28·00 R. 88·00 H. 27·00	K. 1318·00 R. 34·00 H. 5·00	Under construction.	K. 11 R. 70 H. 16	9 41 ...
Maximum discharge of canal. ,, ...	K. 103·66 R. 160·00 H. 169·00	K. 60·27 R. 67·17 H. 57·85	K. 248·00 R. 267·00 H. 292·00	K. 134·00 R. 146·00 H. 113·00	456	Under construction.	K. 386 R. 323 H. 273	374 308 ...
Average annual rainfall ... Inches.	22·61	20·25	20·13	22·32	21·17	145*	K. 29·49 R. 0·66	29·81 0·75
Gross area commanded ... Acres.	73,763	18,982	144,310	88,080	274,447	600,000	44,744	32,000
Culturable do. ... ,,	60,000	15,109	136,390	83,000	227,670	480,000	28,840	20,000
Area irrigable by complete project ... ... ,,	45,000	15,000	49,331	30,109	113,280	113,800	11,336	16,000
Area irrigable at present ... ,,	24,656	5,100	49,331	† 30,109	113,280	.....	8,000	16,000
Sanctioned Estimate—								
Direct charges ... ... Rs.	71,54,934	18,88,840	95,46,698		57,34,655	2,49,71,868	4,94,705	5,79,678
Indirect charges ... ... ,,	4,55,892	64,232	4,90,702		3,69,780	8,00,631	30,000	30,651
Interest during construction . ,,	.....	.....	... ..		28,44,872	.....	2,37,687	.....
Total, Estimate ... Rs.	(a) 76,10,826	19,53,072	(a) 1,00,36,300		(b) 89,49,307	2,57,72,499	7,62,392	6,10,329
Expenditure to end of 1917-18. Direct charges ... Rs.	73,43,965	18,55,604	95,60,584		60,96,736	1,24,56,976	4,90,925	7,50,058
Indirect charges ,,	2,37,284	61,475	4,90,318		3,64,335	2,75,080	26,913	47,207 870
Interest during construction ... ,,	10,51,306	7,19,409	23,81,868		31,56,403	12,58,765	2,37,687	.....
Total Expenditure ... Rs.	86,32,555	26,36,488	(a) 1,24,32,770		(b) 96,17,474	1,39,90,821	7,55,525	7,98,135
Works as now sanctioned—								
Main Canals, Irrigation ... Miles.	33	13·11	70½	48	100·25	110	21	31
Branch Canals do. ... ,,	.....	.....	.....	.....	.....	.....	.....	8
Distributaries ... ... ,,	13	9·80	48	9·46	139·00	.....	25	27
Of above—								
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....
Works completed at end of 1917-1918—								
Main Canals, Irrigation ... Miles.	33	13·11	70½	48	100·25	.....	21	31
Branch Canals do. ... ,,	.....	.....	.....	.....	.....	.....	.....	8
Distributaries ... ... ,,	13	9·93	48	9·46	139·00	.....	30	27
Of above—								
Navigable Channels ... Miles.	.....	.....	.....	.....	.....	.....	.....	.....

* Estimated rainfall in the catchment.

† As revised by the Executive Engineer Pravara Canals District the project is complete and the area irrigable at present is the same as projected.

‡ These figures are for the Old Ojar Left Bank Canal.

(a) These are for the whole Project.

(b) These figures do not include the amount for widening the Nira Left Bank Canal.

I-A.

Presidency, excluding Sind, for the year 1917-1918.

(11) Ka'dva River Works.			(12) Lákh Canal.	(15) Krishna Canal.	(23) Jámda Canals.	(25) Pravara Left Bank Canal.	(33) Revári Canal.	(36) Chikhli Canal.	(40) Gokák Canal, 1st Section, and Storage Works.	(46) Dharma Canal.
Pálkhed Canal.	Ojhar Támbat Canal.	Wadáli Canal.								
Kádva River.	Bánganga River.	Kádva River.	Pravara River.	River Krishna	Girna River.	Pravara River.	River Wárna.	River Nándni.	River Ghatprabha and Storage works.	Dharma River.
K. 1·39	K. 2·34	K. 5·58	K. 4·00	K. 3091·54	K. 160·05	K. 73 00	K. 6·63	K. 4·70	K. Flood.	K. Information not available.
R. Supplied from Waghad tank	R. Supplied from Waghad tank.	R. 5·58	R. 11·00	R. 104·55	R. 89·76	R. 7·00	R. 9·92	R. 10·10	R. 107·94	R. ...
H.	H.	H. 5·58	H. 3·10	H. 25·92	H. 130·20	H. ...	H. 3·50	H. 1·82	H. ...	H. ...
					Left Bank. Right Bank.				Canal. Mills.	
K. 37·95	K. 13·06	K. 10·65	K. 41·48		K. 58·60 22·88	K. 90·54			K. 66 68	K. 261·51
R. 45·49	R. 13·06	R. 11·47	R. 22·00	88·40	R. 119·40 39·16	R. 10·00	8·80	25·56	R. 66 68	R. ...
H. 36·28	H. 14·66	H. 9·93	H. 27·70		H. 67·60 19·75	H			H. 42·56 68	H. ...
26·41	19·74	20·23	22·57	33·02	25·51	22·30	31·32	27·61	Dhupdal 26·30 Gokák 28·91	75·21
					Left Bank. Right Bank.					
28,832	8,055	3,486	29,913	28,327	37,122 9,166	23,724	3,813	1,871	18,668	13,562
26,280	7,421	2,729	25,536	26,453	33,124 7,061	21,155	3,624	1,478	17,627	12,870
23,466	6,824	2,433	22,760	12,320	3,500 1,500	20,088	1,920	1,478	17,627	12,870
9,837	2,367	2,433	11,280	12,320	3,500 1,500	14,763	1,920	1,478	17,627	12,870
2,38,087	14,541	29,771	3,75,189	8,29,067	10,27,238	‡3,25,902	56,324	53,803	13,19,115	95,582
15,761	833	1,540	20,277	48,216	61,402	‡22,309	3,124	3,612	76,902	2,752
2,12,554	2,411	32,150	3,65,298	7,83,613	.....	...	...	...	1,44,865	.....
4,66,402	17,785	63,461	7,60,764	16,60,896	10,88,640	3,48,211	59,448	57,415	15,40,882	98,334
2,71,376	7,186	28,291	3,52,446	8,92,977	9,91,178	3,24,317	56,771	53,803	13,01,750	90,760
17,216	647	2,354	19,445	51,482	49,911	23,233	3,040	3,639	80,172	2,210
3,17,565	5,044	45,031	3,55,414	7,83,061	.....	...	...	...	2,41,093	.....
6,06,157	12,877	75,676	7,27,305	17,27,520	10,41,089	3,47,550	59,811	57,442	16,23,015	92,970
11	8	8·62	23	35·25	39	19	5·66	6·50	4·10	19·00
.....	.....	...	...	26·25	.....	...	5·25	...	12·03	8·15
21·50	.....	...	11	...	75	25	...	...	35·43	3·71
.....	.....	...	...	...	.....	...	...	...	.....	.....
11	4·50	8·62	23	35·25	39	19	5·60	6·50	4·10	19·00
.....	.....	...	...	28·62	...	...	5·25	...	12·03	8·15
14·36	.....	...	9·37	...	75	21	...	...	35·43	3·71
.....	.....	...	...	...	.....	...	...	...	.....	.....

STATEMENT

Statement of Reservoir Projects in the

	(2)	(3)	(4)	(4)A	(5)	(10)	(11)	(13)	(13)A	(14)	(16)	(17)		(18)	(19)	(20)
	Chankapur Tank.	Dárna Reservoir.	Bhátghar Reservoir, Nira Canal.	Shetphal Tank.	Mhasvad Tank.	Lower Pánjhra River Works and Mukti Tank.	Kádva River Works (Wághad Tank).	Mutha Reservoir, Lake Fife.	Mátoba Tank.	Ekrúk Tank.	Wangroli Tank.	Tranza Tank.	Nagramma Tank.	Sávli Tank.	Sahiat Tank.	Futelao Tank.
Source of Supply.	Girna River.	Dárna River.	Yelvandi River, Ghát Catchment.	Nira Canal.	Mán River.	Local Streams	Kolvan River, Ghat Catchment.	Mutha River, Ghat Catchment.	Small Nala and Mutha Right Bank Canal.	Adhela River.	Kharwa Nála.	Mátar Drainage Channel.		Gadia Tank.	Sahiat Nála.	Futelao Nala.
If supplied by rainfall. Area of catchment ... Sq.miles.	100	156	128	2·33	480	34·2	29	196	10	159	13	Nil. (r)	(r) 1·5	11	12·5	7
If supplied by rainfall. Average annual rainfall ... Inches.	38·16	41·76	(§) 145	19·56	19·90	20·88	48·02	(§) 138	16·71	* 29·34	35·61	31·60	31·60	32·18	33·56	35·78
Contents of tanks between levels of surface of full supply and sill of canal head sluice. Millions of cubic feet.	1,548	8,818·30	5,313	572	‡ 2,601	(m) 324	606	(g) 3,447	(i) 220	3,310	212·00	79·97	97·14	(j) 172·27 (k) 210·00	130	56
Area of surface at full supply. Acres and decimals.	1,043·49	8,584·02	4,775	898	4,013·80	509	778	3,753	417·46	4,551	596·87	196·00	278·00	557·00	662·61	193·5
Gross area commanded . Acres.	(a)...	232,390	No irrigation direct from the Reservoir.	*25,000	129,045	13,117	(e)...	94,087	10,700	17,152	5,000	1,000	500	4,700	4,000	1,500
Culturable do. „ „	(a)...	219,390		*25,000	106,214	12,627	(e)...	(h) 49,800	7,133	16,941	5,000	888	402	4,700	4,000	(l) 1,200
Area irrigable by complete project. „	(a)...	79,440		4,200	24,800	12,627	(e)...	16,800	3,250	16,941	3,000	500	300	3,000	2,000 to 2,500	840
Do. at present. „	(a)...	†79,440		4,200	24,800	12,627	(e)...	16,800	3,250	16,941	3,400	500	300	3,000	2,000	800
Wells supplied by tanks. No.	...	...		...	12	...	...	...	...	...	...	...	...	...	...	...
Sanctioned Estimate—																
Direct Charges ... Rs.	(a)...	(a)...	(a)...	7,04,442	20,24,327	4,44,486	4,67,662	64,62,810	1,93,000	12,28,243	2,01,575	2,61,048		2,25,703	1,54,133	1,02,116
Indirect Charges ... „	(a)...	(a)...	(a)...	46,435	1,03,947	22,774	16,835	2,56,743	17,500	1,06,687	46,969	51,686		23,519	32,649	8,669
Interest during construction ... „	(a)...	(a)...	(a)...	55,157	6,56,222	2,37,421	2,17,233	56,54,209	...	8,00,650	...	.....		...	...	...
Total Estimate ... Rs.	(a)...	(a)...	(a)...	8,06,034	27,84,496	7,04,681	7,01,730	1,23,73,762	2,10,500	21,35,580	2,48,544	3,12,734		2,49,222	1,86,782	1,10,785
Expenditure to end of 1917-18. Direct Charges. Rs.	(a)...	(a)...	(a)...	(a)...	20,05,553	4,45,382	6,64,888	76,13,944	Included in the Mutha Canal.	12,28,117	2,40,227	2,38,032		2,34,179	1,58,452	1,07,356
Expenditure to end of 1917-18. Indirect Charges. „	(a)...	(a)...	(a)...	(a)...	90,463	23,239	42,233	3,01,554		1,12,269	50,768	41,576		21,031	25,577	9,104
Expenditure to end of 1917-18. Interest during construction ... „	(a)...	(a)...	(a)...	(a)...	14,45,492	4,18,839	4,45,241	56,50,549		10,27,893	...	... ...		...	...	...
Total Expenditure ... Rs.	(a)...	(a)...	(a)...	(a)...	35,41,508	8,87,460	11,52,362	1,35,66,047	...	23,68,279	2,90,995	2,79,608		2,55,210	1,84,029	1,16,460
Works as now sanctioned—																
Dam (earth or masonry) ...	Masonry	Masonry	Masonry.	Earth.	Earth.	Earth.	Earth.	Masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.	Earth.
Total height ... Feet.	92	92	(127(c) 108(d))	66	79·79	65	95	97·84	48·41	76	27·18	15·84	17·12	37·5	22·14	(l) 34·60
Canals ...Miles.	(b)...	118½	*Vide* statement No. I-A.	6·54	(f) 66·25	...	(e)...	88	...	48	13·79	5·35	2·25	8·35	9·25	4·48
Distributaries ... „	(b)...	57·46		...	43·36	45	(e)...	70	17	1·68	...	...	...	1·32	0·85	...
Works completed at end of 1917-18— Dam (height completed) ... Feet.	92	92	(127(c) 108 d))	66	79·79	65	96	97·84	48·41	76	27·18	15·84	17·12	37·5	22·14	(l) 34·60
Canals ...Miles.	(b)...	118½	*Vide* statement No. I-A.	6·54	(f) 66·25	...	(e)...	88	...	48	13·79	5·35	2·25	8·35	9·25	3·39
Distributaries ... „	(b)...	57·46		...	43·36	45	(e)...	67	17	1·68	...	...	...	1·32	0·85	...

* This area is also commanded by the Nira Left Bank Canal.
† As revised by the Executive Engineer, Pravra Canals District. The Godavari project is complete, hence the area irrigable at present is the same as projected.
‡ As revised by the Executive Engineer, Malsiras District, in accordance with revised table of contents.
(§) Estimated rainfall in the catchment.
(a) Figures given in Statement I-A.
(b) The tank supplies the Girna Left Bank Canal and bandharas there below.
(c) Above lowest foundation.
(d) Above lowest point in river bed.
(e) The tank supplies the Pálkhed, Ojhar Támbat, and Wadáli Canals and their distributaries as noted in Statement I-A.
(f) Includes 38½ miles of Branch Canal.
(g) Storage available after deducting 508 m. cft. which cannot be used on account of the Poona water-supply.
(h) Includes 7,133 commanded by Matoba Tank.
(i) After deducting silt deposits.
(j) Corrected as it was on error. At provisional F. S. L. R. L. 103·50.
(k) At original F. S. L. R. L. 105·00.
(l) Corrected at is was an error,
(m) The revised figure has been approved in G. M. No. I.-9046, dated 14th August 1915, and adopted in the statement printed with G. O. No. W. I.—8323, dated 23rd August 1918.
(n) The contents at present after deducting silt are 75·82 m. cft.
(o) Gauged at the respective stations.
(p) Assumed.
(q) Ganged in the catchment area.
(r) The catchment area of the drainage channel is 13 square miles in addition.

II-A.

Bombay Presidency, excluding Sind, for 1917-1918.

(21)	(22)	(24)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(34)	(35)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)	(45)
Hartála Tank.	Mhasva Tank.	Parsul Tank.	Bhátodi Tank.	Kásurdi Tank.	Shirsuphal Tank.	Bhádalvádi Tank.	Koregaon Tank.	Ashti Tank.	Páthri Tank.	Upper Mán River Works (Pingli Tank).	Yerla River Irrigation Works (Nehr Tank).	Maini Tank.	Muchkundi Tank.	Gadikeri Tank.	Gokák Canal, 1st Section, and Storage Works.	Dambal Tank.	Medleri Tank.	Madag Tank.	Asundi Tank.	Málvinkop Tank.
Local Streams.	Local Streams.	Parsul River.	Mehekri River.	Kásurdi Nála.	Deccan Tributary of the Bhima River.	Deccan Tributary of the Bhima River.	Nála.	Ashti Nála.	Yerai River.	Mán River.	Yerla River.	Wanga Nála	Muchkundi Nála.	Nála.	Ghataprabha River, Ghat Catchment.	Nála.	Medleri Nála.	Kumudwati River.	Nála.	Nála.
6·50	13·40	17·33	44	6	23	23	7	92	27·5	20·00	59·55	51·70	26·00	4·68	1,080	43	11	540	23	6·25
25·44	37·97	17·88	32·42	18·15	17·15	20·22	28·42	25·04	30·87	20·40	28·58	29·92	20·34	31·31	(a)	(o)19·83 (q)22·17	(o) 14·97	(o) 26·52 (q) 43·28	(o)23·79	(p) 46·75
134	172	118·70	(n) 154	9·14	356·64	190·77	104	1,417	407	192	489·77	183·60	624	27·50	907·182	113·66	57·60	54·63	74	45·75
473	421	151	315	379	833·79	335·18	202	2,830	681	349·04	676·09	427·76	1,059	129·00	2,731·86	442	169	362	418	170·5
594	4,647	3,337	15,126	597	4,500	3,000	2,394	17,882	5,000	8,443	11,234	4,876	5,570	687	(a)	3,000	1,916	2,851	1,800	872
527	4,075	3,197	13,657	478	2,500	2,400	2,394	16,825	4,586	7,623	10,680	4,625	5,417	Not known.	(a)	2,500	830	1,345	1,011	755
415	1,700	1,000	12,124	150	1,800	2,000	1,050	11,780	2,500	2,080	6,000	4,625	3,417	450	(a)	2,500	1,052	2,186	1,011	755
415	1,700	1,000	12,124	150	1,800	2,000	1,050	11,780	2,500	2,080	5,480	4,625	750	417	(a)	1,000	600	1,345	1,011	617
...	...	...	...	...	...	...	...	...	...	29	28	13	...	Not known.	41	Uncertain.	...	...	...	...
43,890	1,29,813	2,15,366	3,51,767	40,812	2,09,460	2,14,382	40,731	7,54,250	6,43,141	4,16,341	6,96,754	3,68,000	1,48,200	16,990	(a)	61,162	78,237	2,32,263	67,731	30,379
26,150	10,202	8,246	26,511	4,778	12,822	14,342	1,318	80,677	29,715	28,190	48,560	22,492	20,220	541	(a)	3,744	3,468	17,144	12,754	4,005
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a)	...	...	...	...	...
75,040	1,40,015	2,23,612	3,78,278	45,590	2,22,282	2,28,724	42,049	8,34,927	6,72,856	4,44,531	7,45,314	3,90,492	1,68,420	17,531	(a)	64,906	81,705	2,49,407	80,485	34,384
47,948	1,28,781	2,08,007	3,52,685	40,812	2,12,199	2,13,115	37,923	7,57,050	6,27,825	4,15,335	7,19,542	4,62,125	1,40,217	16,363	(a)	60,847	78,354	1,61,248	60,741	30,195
25,434	10,175	6,988	27,022	4,778	12,369	14,307	1,266	79,041	15,021	23,451	45,328	25,525	18,490	555	(a)	3,133	3,038	6,350	14,254	3,319
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	(a)	...	...	...	...	...
73,382	1,38,956	2,14,995	3,79,707	45,590	2,24,568	2,27,422	39,189	8,36,091	6,42,846	4,39,386	7,64,870	4,87,650	1,58,707	16,918	(a)	63,980	81,392	1,67,598	74,995	33,504
Earth.	Earth.	Earth.	Masonry	Earth.	Earth.	Earth.	2 dams, 1 earth & 1 masonry.	Earth.	Earth.	Earth.	Earth.	Earth.	Masonry	Earth.	Masonry weir.	Earth.	Earth	Earth.	Earth.	Earth.
51·50	44	62·27	50	33·45	54·32	55·09	71 & 16	57·75	63·75	53·50	74	57·33	60	20	27 ft. (maximum above foundation).	42·25	41	100	33·95	30·53
...	...	...	4·50	...	...	...	3·75	27·50	4·66	17·50	33·33	9·25	5·5	Irrigation Channel.	16·13	...	...	9	Nil.	Nil.
5·50	7	4·75	5·50	1·75	12·50	9·75	...	3·15	3·33	6·50	4	7·58	2·25	Irrigation Channel.	35·43	3·27	5·64	...	4·86	2·79
51·50	44	62·27	50	33·45	54·32	55·09	71 & 16	57·75	63·75	53·50	74	57·33	60	20	27	42·25	41	100	33·95	30·53
...	...	...	4·50	...	...	...	3·75	27·50	4·66	17·50	33·33	9·25	5·5	Irrigation Channel.	4·10 and Wadarhatti Branch, 12·03	...	...	9	...	...
5·50	7	4·75	5·50	1·75	12·50	9·75	...	3·15	3·33	6·50	4	7·58	2·25	Irrigation Channel.	35·43	3·27	5·64	...	4·86	2·79

STATEMENT

Capital Account of Irrigation Works in Deccan

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
35.—Protective Irrigation Works.									
In Operation.									
1. Pravara River Canal	6,16,345	1,81,646	3,609 (a) 266	8,01,866	1,558	8,00,308	1,053	25,430	26,483
2. Chankápur Tank	11,877	2,487	178	14,542	...	14,542	...	348	348
3. Godávari Canal	29,328	13,232	—162 (a)-2,856	39,542	...	39,542	611	1,852	2,463
4. Nira Canal and Shetphal Tank ...	12,664	26,067	9,626	48,357	...	48,357	...	3,649	3,649
5. Mhasvad Tank	...	...	...	...	...	...	...	...	...
Total ...	6,70,214	2,23,432	13,251 (a)—2,590	9,04,307	1,558	9,02,749	1,664	31,279	32,943
Under Construction.									
6. Máládevi Tank	...	...	...	...	...	...	...	...	...
7. Budhial Tank	362	78	5	445	191	254	...	11	11
8. Nira Right Bank Canal	13,05,257	2,71,021	32,969 (a) 1,10,850	17,20,097	2,533	17,17,564	504	37,943	38,447
Total ...	13,05,619	2,71,099	32,974 (a) 1,10,850	17,20,542	2,724	17,17,818	504	37,954	38,458
Total, Protective Works ...	19,75,833	4,94,531	46,225 (a) 1,08,260	26,24,849	4,282	26,20,667	2,168	69,233	71,401
49.—IRRIGATION WORKS.									
Productive Works.									
9. Háthmati and Khári Cut Canals ...	...	...	...	...	...	...	...	...	...
10. Lower Pánjhra River Works	...	...	...	...	...	...	...	...	...
11. Kádva River Works	...	...	...	...	...	...	...	...	...
12. Pravara River Works—Lákh Canal ...	...	...	...	...	...	...	...	...	...
13. Mutha Canals and Mátoba Tank ...	—5,191	374	26	—4,791	...	—4,791	...	52	52
14. Ekruk Tank	...	...	...	...	...	...	...	...	...
15. Krishna Canal	14	3	...	17	...	17	...	...	...
Total, Productive Works ...	—5,177	377	26	—4,774	...	—4,774	...	52	52
Total, Major Works ...	19,70,656	4,94,908	46,251 (a) 1,08,260	26,20,075	4,282	26,15,793	2,168	69,285	71,453
43.—MINOR WORKS AND NAVIGATION.									
In Operation.									
16. Wangroli Tank	1,038	214	15	1,267	...	1,267	568	30	598
17. Tranza-Nagramma Tanks	...	...	...	...	...	...	...	...	...
18. Savli Tank	...	...	...	...	...	...	...	...	...
19 Sahiat do.	...	...	...	...	...	...	...	...	...
20. Futelao do.	...	...	...	...	...	...	...	...	...
21. Hartala do.	...	...	...	...	...	...	...	...	...
22. Mhasva do.	...	...	...	...	...	...	...	...	...
23. Jámda Canals	...	...	...	...	...	...	...	...	...
24. Parsul Tank	...	...	...	...	...	...	...	...	...
25. Pravara Left Bank Canal	..	...	...	...	...	...	...	...	...
26. Bhátodi Tank	...	...	...	...	...	...	...	...	...
27. Kásurdi do.	...	...	...	...	...	...	...	...	...
28. Shirsuphal do.	...	...	...	...	...	...	...	...	...
29. Bhádalwádi do.	...	...	...	...	...	...	...	...	...
30 Koregaon do.	...	...	...	...	...	...	...	...	...
31. Ashti do.	...	...	...	...	...	...	...	...	...
32. Páthri do.	...	...	...	...	...	...	...	...	...
33. Revári Canal	...	...	...	...	...	...	...	...	...
34. Upper Mán River Works	...	...	...	...	...	...	...	...	...
35. Yerla River Irrigation Works	...	...	...	...	...	...	...	...	...
	1,038	214	15	1,267	...	1,267	568	30	598
Carried over ...	19,70,656	4,94,908	46,251 (a) 1,08,260	26,20,075	4,282	26,15,793	2,168	69,285	71,453

(a) Suspens account.

I.B.

and Gujarát for and to end of 1917-1918.

Grand Total.	To end of Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	Grand Total.
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
8,26,791	59,08,513	12,68,483	1,73,703 (a) 112	73,50,811	6,846	73,43,965	59,697	1,77,587	2,37,284	75,81,249
14,890	14,88,400	3,10,993	58,343	18,57,736	2,132	18,55,604	17,297	44,178	61,475	19,17,079
42,005	80,45,357	12,94,191	2,23,062	95,62,610	2,026	95,60,584	3,09,134	1,81,184	4,90,318	1,00,50,902
52,006	48,47,846	11,87,027	1,32,767	61,67,640	8,382	61,59,258	1,84,874	1,83,457	3,68,331	65,27,589
...	15,98,308	3,45,781	62,937	20,07,026	1,473	20,05,553	36,924	53,539	90,463	20,96,016
9,35,692	2,18,88,424	44,06,475	6,50,812 (a) 112	2,69,45,823	20,859	2,69,24,964	6,07,926	6,39,945	12,47,871	2,81,72,835
...	2,42,869	60,546	1,473	3,04,888	2,848	3,02,040	875	9,013	9,888	3,11,928
265	3,98,422	89,617	5,031	4,93,070	1,780	4,91,290	5,741	12,547	18,288	5,09,578
17,56,011	1,01,96,937	15,49,566	5,91,803 (a) 1,28,510	1,24,66,816	9,840	1,24,56,976	58,141	2,16,939	2,75,080	1,27,32,056
17,56,276	1,08,38,228	16,99,729	5,98,307 (a) 1,28,510	1,32,64,774	14,468	1,32,50,306	64,757	2,38,499	3,03,256	1,35,53,562
26,91,968	3,27,26,652	61,06,204	12,49,119 (a) 1,28,622	4,02,10,597	35,327	4,01,75,270	6,72,683	8,78,444	15,51,127	4,17,26,397
...	10,05,076	2,24,187	13,189	12,42,452	1,469	12,40,983	36,598	38,392	74,990	13,15,973
...	3,67,303	74,888	3,228	4,45,419	37	4,45,382	8,694	14,545	23,239	4,68,621
...	7,60,525	1,88,801	22,555	9,71,881	140	9,71,741	31,133	31,317	62,450	10,34,191
...	2,64,529	68,641	19,477	3,52,647	201	3,52,446	5,824	13,621	19,445	3,71,891
—4,739	63,55,613	11,43,646	1,28,149 (a)—1,136	76,26,272	12,328	76,13,944	93,528	2,08,026	3,01,554	79,15,498
...	10,07,089	2,12,509	9,713	12,29,311	1,194	12,28,117	69,948	42,321	1,12,269	13,40,386
17	7,35,136	1,55,273	2,568	8,92,977	...	8,92,977	21,822	29,660	51,482	9,44,459
—4,722	1,04,95,271	20,67,945	1,98,879 (a)—1,136	1,27,60,959	15,369	1,27,45,590	2,67,547	3,77,882	6,45,429	1,33,91,019
26,87,246	4,32,21,923	81,74,149	14,47,998 (a) 1,27,486	5,29,71,556	50,696	5,29,20,860	9,40,230	12,56,326	21,96,556	5,51,17,416
1,865	2,11,223	27,921	1,826	2,40,970	743	2,40,227	46,793	3,910	50,703	2,90,930
...	2,22,942	14,168	924	2,38,034	2	2,38,032	40,620	1,983	42,603	2,80,635
...	2,02,183	30,269	1,974	2,34,426	247	2,34,179	16,793	4,238	21,031	2,55,210
...	1,34,805	22,199	1,448	1,58,452	...	1,58,452	22,470	3,107	25,577	1,84,029
...	88,822	17,325	1,209	1,07,356	...	1,07,356	6,680	2,425	9,105	1,16,461
...	33,437	11,936	2,579	47,952	4	47,948	23,052	2,382	25,434	73,382
...	1,01,269	26,399	1,129	1,28,787	6	1,28,781	5,026	5,149	10,175	1,38,956
...	7,86,229	1,91,841	13,129	9,91,199	21	9,91,178	12,015	37,896	49,911	10,41,089
...	1,62,423	42,832	2,823	2,08,078	71	2,08,007	972	6,016	6,988	2,14,995
...	2,34,163	85,770	4,528	3,24,461	144	3,24,317	6,943	16,290	23,233	3,47,550
...	2,73,338	70,183	9,354	3,53,375	690	3,52,685	13,023	13,999	27,022	3,79,707
...	31,433	8,495	884	40,812	...	40,812	3,079	1,699	4,778	45,590
...	1,71,148	38,190	2,861	2,12,199	...	2,12,199	5,137	7,232	12,369	2,24,568
...	1,57,001	53,493	2,621	2,13,115	...	2,13,115	4,067	10,240	14,307	2,27,422
...	30,044	7,661	218	37,923	...	37,923	...	1,266	1,266	39,189
...	6,09,236	1,45,084	8,122	7,62,442	5,392	7,57,050	52,311	26,730	79,041	8,36,091
...	5,21,783	1,00,435	7,403	6,29,621	1,796	6,27,825	960	14,061	15,021	6,42,846
...	47,057	9,693	21	56,771	...	56,771	1,259	1,781	3,040	59,811
...	3,14,286	95,008	6,782	4,16,076	241	4,15,835	5,880	17,571	23,451	4,39,286
...	5,89,656	1,24,186	8,065	7,21,907	2,365	7,19,542	22,684	22,644	45,328	7,64,870
1,865	49,22,968	11,23,088	77,900	61,23,956	11,722	61,12,234	2,89,764	2,00,619	4,90,383	66,02,617
26,87,246	4,32,21,923	81,74,149	14,47,998 (a) 1,27,486	5,29,71,556	50,696	5,29,20,860	9,40,230	12,56,326	21,96,556	5,51,17,416

STATEMENT

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	19,70,656	4,94,908	46,251 (a)1,08,260	26,20,075	4,282	26,15,793	2,168	69,285	71,453
	1,038	214	15	1,267	...	1,267	568	30	598
43—MINOR WORKS AND NAVIGATION—*concluded.*									
In Operation—concluded.									
36. Chikhli Canal	...	...	...	..	...	...	...	...	...
37. Maini Tank	...	...	...	...	...	...	...	...	...
38. Muchkundi do.	...	...	...	...	...	...	...	...	...
39. Gadikeri do.	...	...	...	...	...	...	...	...	...
40. Gokák Canal, 1st Section, and Storage Works	...	...	...	...	...	...	...	...	...
41. Dámbal Tank	...	...	...	...	...	...	...	...	...
42. Medleri do.	...	...	...	...	...	...	...	...	...
43. Madag do.	...	...	...	...	...	...	...	...	...
44. Asundi do.	...	...	...	...	...	...	...	...	...
45. Mávinkop do.	...	...	...	...	...	...	...	...	...
46. Dharma Canal	4,408	763	53	5,224	...	5,224	...	107	107
Total ...	5,446	977	68	6,491	...	6,491	568	137	705
Under Construction.									
47. Victoria Tank	80	18	1	99	122	—23	...	3	3
48. Suki River	...	...	...	...	...	...	...	...	...
Total ...	80	18	1	99	122	—23	...	2	3
In Abeyance.									
49. Gokák Canal, 2nd Section	...	...	...	...	...	...	...	...	...
Total, Minor Works ...	5,526	995	69	6,590	122	6,468	568	140	708
Grand Total ...	19,76,182	4,95,903	46,320 (a)1,08,260	26,26,665	4,404	26,22,261	2,736	69,425	72,161

I-B—*concluded.*

Grand Total.	To end of Year.									
	Direct Charges.						Indirect Charges.			
	Works.	Establishment.	Tools and Plant.	Total.	Deduct—Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	Grand Total.
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
26,57,246	4,32,21,923	61,74,149	14,47,998 (a) 1,27,486	5,29,71,556	50,696	5,29,20,860	9,40,230	12,56,326	21,96,556	5,51,17,416
1,865	49,22,968	11,23,088	77,900	61,23,956	11,722	61,12,234	2,89,764	2,00,619	4,90,383	66,02,617
...	39,984	13,611	208	53,803	...	53,803	917	2,722	3,639	57,442
...	3,43,053	1,16,100	3,512	4,62,665	540	4,62,125	3,875	21,650	25,525	4,87,650
...	1,11,830	26,360	2,294	1,40,484	267	1,40,217	14,386	4,104	18,490	1,58,707
...	13,105	3,118	140	16,363	...	16,363	13	542	555	16,918
...	11,00,148	1,81,106	21,236	13,02,490	740	13,01,750	53,279	26,893	80,172	(b) 13,81,922
...	49,262	10,769	878	60,909	62	60,847	1,034	2,099	3,133	63,980
...	61,881	15,324	1,155	78,360	6	78,354	243	2,795	3,038	81,392
...	1,26,396	31,841	2,825	1,61,262	14	1,61,248	...	6,350	6,350	1,67,598
...	48,805	10,881	1,055	60,741	...	60,741	12,536	1,718	14,254	74,995
...	23,738	6,232	353	30,323	138	30,185	2,104	1,218	3,319	33,504
5,331	73,940	15,774	1,046	90,760	...	90,760	2	2,208	2,210	92,970
7,196	69,15,310	15,54,204	1,12,602	85,82,116	13,489	85,68,627	3,78,150	2,72,918	6,51,068	92,19,695
—20	45,476	9,491	545	55,512	970	54,542	2,463	1,330	3,793	58,335
...	12,212	2,749	178	15,139	...	15,139	...	385	385	15,524
—20	57,688	12,240	723	70,651	970	69,681	2,463	1,715	4,178	73,859
...	92,096	70,024	14,246	1,76,306	...	1,76,306	740	13,238	13,978	1,90,284
7,176	70,65,094	16,36,468	1,27,571	88,29,073	14,459	88,14,614	3,81,353	2,87,871	6,69,224	94,83,838
26,94,422	5,02,86,957	98,10,617	15,75,569 (a) 1,27,486	6,18,00,629	65,155	6,17,35,474	13,21,583	15,44,197	28,65,780	6,46,01,254

(a) Suspense Account. (b) Includes Rs. 4,12,666 charged to 35—Protective Irrigation Works.

JAGAT PRASAD,
Deputy Accountant General, Bombay.

Statement showing the Financial Results of Irrigation Works in

(Realizations under main heads of

Name of Work.	Revenue (Actual Receipts).									Revenue	
	Irrigation.			Navigation.	Plantations.	Water-power.	Miscellaneous.	Total.	Refunds of Revenue.	Gross Revenue, less refunds.	Estab
	Water-rate directly paid.	Share of Land Revenue.	Total.								Direction.	Executive.
1	2	3	4	5	6	7	8	9	10	11	12	13
Major Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
35.—*Protective Irrigation Works.*												
1. Pravara River Canal ...	12,512	...	12,512	...	564	...	459	13,535	...	13,535	363	3,257
2. Chankápur Tank ...	7,298	...	7,298	...	...	...	302	7,600	...	7,600	361	4,400
3. Godávari Canal ...	2,10,365	...	2,10,365	...	61	...	6,367	2,16,793	18	2,16,775	1,971	22,202
4. Nira Canal and Shetphal Tank ...	4,15,565	...	4,15,565	...	1,125	...	9,890	4,26,580	483	4,26,097	1,820	35,847
5. Mhaswad Tank ...	37,095	...	37,095	...	1,313	...	810	39,218	85	39,133	230	4,978
Total ...	6,82,835	...	6,82,835	...	3,063	...	17,828	7,03,726	586	7,03,140	4,745	70,684
49.—Irrigation Works. *Productive Works.*												
9. Háthmati and Khári Cut Canals ...	25,629	...	25,629	...	17	...	7,686	33,332	138	33,194	573	5,059
10. Lower Pánjhra River Works	10,008	3,245	13,253	...	11	...	2,291	15,555	...	15,555	85	604
11. Kádva River Works ...	24,474	594	25,068	...	...	...	2,294	27,362	...	27,362	278	4,197
12. Pravara River Works—Lákh Canal ...	892	225	1,117	...	244	...	442	1,803	...	1,803	41	564
13. Mutha Canals and Mateba Tank ...	1,96,742	...	1,96,742	1	1,068	...	2,28,673	4,26,484	130	4,26,354	2,427	35,210
14. Ekruk Tank ...	21,393	...	21,393	...	264	...	85,008	1,06,665	...	1,06,665	223	2,746
15. Krishna Canal ...	49,668	...	49,668	...	...	...	2,449	52,117	146	51,971	172	1,463
Total ...	3,28,806	4,064	3,32,870	1	1,604	...	3,28,843	6,63,318	414	6,62,904	3,799	49,843
Total, Major Works ...	10,11,641	4,064	10,15,705	1	4,667	...	3,46,671	13,67,044	1,000	13,66,044	8,544	1,20,527
43.—Minor Works and Navigation.												
16. Wangroli Tank ...	1,583	1,308	2,891	...	...	...	918	3,809	5	3,804	111	979
17. Tranza-Nagramma ...	...	54	54	...	...	...	307	361	...	361	59	523
18. Savli Tank ...	1,191	...	1,191	...	...	...	236	1,427	...	1,427	79	694
19. Sahiat do. ...	8	8	16	...	...	...	292	308	...	308	80	710
20. Futelao do. ...	196	...	196	...	...	...	160	356	...	356	36	320
21. Hartála do. ...	290	...	290	...	1,755	...	389	2,434	...	2,434	16	108
22. Mhasva do. ...	542	...	542	...	169	...	536	1,247	...	1,247	30	369
23. Jámda Canals ...	5,109	...	5,109	...	5,508	...	635	11,252	14	11,238	182	1,597
24. Parsul Tank ...	5,080	...	5,080	...	...	...	41	5,121	...	5,121	51	1,211
25. Pravara Left Bank Canal .	1,770	76	1,846	...	200	...	629	2,675	...	2,675	115	1,945
26. Bhátodi Tank ...	4,173	2,232	6,405	...	...	...	1,266	7,671	26	7,645	30	173
27. Kásurdi do. ...	181	...	181	...	...	...	54	235	...	235	10	104
28. Shirsuphal do. ...	2,688	...	2,688	...	...	...	148	2,836	...	2,836	37	501
29 Bhádalwádi do. ...	4,531	...	4,531	...	...	...	60	4,591	...	4,591	43	572
30. Koregaon do. ...	2,687	...	2,687	...	...	...	155	2,842	...	2,842	15	77
31. Ashti do. ...	18,865	...	18,865	...	1,224	...	4,863	24,952	32	24,920	67	625
32. Pathri do. ...	5,208	...	5,208	...	7	...	177	5,392	4	5,388	23	212
33. Revári Canal ...	5,579	...	5,579	...	...	...	1,000	6,579	...	6,579	23	223
34. Upper Mán River Works...	5,257	...	5,257	...	...	...	143	5,400	...	5,400	31	412
35. Yerla River Irrigation Works ...	17,177	...	17,177	...	...	...	1,571	18,748	...	18,748	118	1,218
36. Chikhli Canal ...	2,170	...	2,170	...	...	...	27	2,197	...	2,197	10	93
37. Maini Tank ...	8,687	...	8,687	...	...	...	26	8,713	...	8,713	39	546
38. Muchkundi do. ...	...	...	...	...	...	...	631	631	...	631	3	56
39. Gadikeri do. ...	...	2,061	2,061	...	...	...	...	2,061	...	2,061	...	...
40. Gokák Canal, First Section, and Storage Works ...	29,573	...	29,573	...	345	14,313	3,984	48,215	990	47,225	196	3,163
41. Dámbal Tank ...	329	916	1,245	...	...	...	343	1,588	...	1,588	10	365
42. Medleri do. ...	804	...	804	...	...	...	230	1,034	...	1,034	11	349
43. Madag do. ...	2,990	...	2,990	...	95	...	405	3,490	...	3,490	22	555
44. Asundi do. ...	743	687	1,435	...	...	...	94	1,529	...	1,529	11	367
45 Mávinkop do. ...	...	2,244	2,244	...	...	...	...	2,244	...	2,244	6	181
46. Dharma Canal ...	2,868	—4,961	—2,093	...	...	...	29	—2,064	...	—2,064	28	497
Total, Minor Works and Navigation	1,30,284	4,625	1,34,909	...	9,303	14,313	19,349	1,77,874	1,071	1,76,803	1,492	18,745
Grand Total ...	11,41,925	8,689	11,50,614	1	13,970	14,313	3,66,020	15,44,918	2,071	15,42,847	10,036	1,39,272

Deccan and Gujarát for the year ending 31st March 1917-1918.

Revenue and Working Expenses.)

Management.			Working Expenses.												
lishment.		Total Revenue Management.	Maintenance and Repairs.												
			Establishment.				Works.	Repairs.	Sundries.	Tools and Plant.	Plantations.	Total Cost of Maintenance.	Indirect Charges.	Grand Total, Working Expenses.	Net Revenue.
Navigation.	Civil Officers.		Direction.	Executive.	Medical.	Total.									
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
...	626	4,246	456	4,094	...	4,550	1,170	15,866	...	273	1,700	23,559	1,144	28,949	—15,414
...	365	5,126	264	3,211	...	3,475	5,762	6,648	...	209	1,795	17,889	1,153	24,168	—16,568
...	10,665	34,838	1,632	18,381	...	20,013	7,269	63,358	...	1,201	14,045	1,05,886	6,186	1,46,910	69,865
...	20,778	58,445	668	13,154	...	13,822	14,919	41,687	...	55	3,247	73,730	7,209	1,39,384	2,86,713
...	1,911	7,119	74	1,615	...	1,689	500	6,154	...	101	103	8,547	966	16,632	22,501
...	34,345	1,09,774	3,094	40,455	...	43,549	29,620	1,33,713	...	1,839	20,890	2,29,611	16,658	3,56,043	3,47,097
...	1,281	6,913	745	6,578	...	7,323	9,239	19,763	...	439	558	37,322	1,814	46,049	—12,855
...	1,200	1,889	187	1,321	...	1,508	2,718	3,291	...	90	23	7,630	308	9,827	5,728
...	1,224	5,699	146	2,210	...	2,356	1,933	6,643	...	142	1,030	12,109	956	18,764	8,598
...	67	672	24	337	...	361	...	1,452	...	22	...	1,835	135	2,642	—839
...	9,693	47,330	1,354	19,651	...	21,005	658	1,01,645	...	7,657	640	1,31,605	8,256	1,87,191	2,39,163
...	2,874	5,943	159	1,967	...	2,126	330	7,680	...	128	496	10,760	713	17,316	89,349
...	3,390	5,025	239	2,042	...	2,281	...	8,611	404	136	513	11,945	548	17,518	34,453
...	19,729	73,371	2,854	34,106	...	36,960	14,883	1,49,085	404	8,614	3,260	2,13,206	12,730	2,99,307	3,63,597
...	54,074	1,83,145	5,948	74,561	...	80,509	44,503	2,82,798	404	10,453	24,150	4,42,817	29,388	6,55,350	7,10,694
...	230	1,320	144	1,274	...	1,418	2,353	3,851	...	91	43	7,756	351	9,427	—5,623
...	5	587	77	678	...	755	1,517	1,485	...	44	20	3,821	187	4,595	—4,234
...	60	833	103	906	...	1,009	969	3,039	...	59	30	5,106	249	6,188	—4,761
...	1	791	105	922	...	1,027	388	3,701	...	60	20	5,196	254	6,241	—5,933
...	10	366	47	416	...	463	...	1,853	...	27	...	2,343	115	2,824	—2,468
...	27	151	36	255	...	291	315	853	...	17	...	1,481	58	1,690	744
...	27	426	20	257	...	277	350	571	...	17	189	1,404	95	1,925	—678
...	255	2,034	241	2,108	...	2,349	4,972	4,370	...	141	410	12,242	694	14,970	—3,732
...	254	1,516	16	359	...	375	1,144	430	...	22	46	2,017	229	3,762	1,359
...	93	2,153	52	877	...	929	...	3,328	...	56	954	5,267	418	7,838	—5,163
...	417	620	140	807	...	947	1,830	1,926	...	56	60	4,819	161	5,600	2,045
...	9	123	9	96	...	105	...	421	...	6	...	532	31	686	—451
...	134	672	24	318	...	342	...	1,338	...	21	30	1,731	123	2,526	310
...	227	842	28	364	...	392	...	1,532	...	23	37	1,984	141	2,967	1,624
...	134	226	186	929	...	1,115	4,053	399	...	67	10	5,644	169	6,039	—3,197
...	1,236	1,928	76	717	...	793	787	2,193	...	48	194	4,015	208	6,151	18,769
...	269	495	27	253	...	280	11	1,064	...	17	45	1,417	72	1,984	3,404
...	284	530	23	231	...	254	...	937	...	15	79	1,285	70	1,885	4,694
...	263	706	19	263	...	282	...	958	...	17	168	1,425	102	2,233	3,167
...	859	2,195	118	1,192	...	1,310	...	4,784	...	78	454	6,626	370	9,191	9,557
...	109	212	13	114	...	127	...	496	...	8	13	644	32	888	1,309
...	434	1,019	24	326	...	350	...	1,227	...	21	173	1,771	131	2,921	5,792
...	...	59	2	25	...	27	24	83	...	2	...	136	12	207	424
...	206	206	5	19	...	24	...	109	...	2	...	135	3	344	1,717
...	1,503	4,862	95	1,523	...	1,618	884	5,587	...	97	...	8,186	697	13,745	33,480
...	108	483	2	63	...	65	...	286	...	4	...	355	62	900	688
...	40	400	2	71	...	73	...	279	...	4	15	371	61	832	202
...	162	739	6	146	...	152	...	557	...	9	50	768	102	1,609	1,881
...	106	484	2	72	...	74	...	260	...	4	35	373	63	920	609
...	224	411	1	39	...	40	...	158	...	3	...	201	32	644	1,600
...	—352	173	12	210	...	222	...	—282	...	13	...	—47	105	231	—2,295
...	7,325	27,562	1,655	15,830	...	17,485	19,597	47,798	...	1,049	3,075	89,004	5,397	1,21,963	54,840
...	61,399	2,10,707	7,603	90,391	...	97,994	64,100	3,30,596	404	11,502	27,225	5,31,821	34,785	7,77,313	7,65,534

JAGAT PRASAD,
Deputy Accountant General, Bombay.

STATEMENT

Statement showing the Financial Results of Irrigation Works in the

Number of Works	Name of Works.	Mileage in operation.		General Financial Results to end					
		Main canals and branches.	Distributaries.	Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total Capital outlay (direct and indirect).	Accumulated arrears of interest.	Accumulated surplus revenues.
1	2	3	4	5	6a	6b	7	8	9
	MAJOR WORKS.	Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.	Rs.
	35.—Protective Irrigation Works.								
	In Operation.								
1	Pravara Canals	33·00	13·00	1,16,70,592	Not completed.	1909-10	75,81,249	10,64,440	...
2	Chankápur Tank	13·11	9·93	19,53,072	1909-10	1909-10	19,17,079	7,55,263	...
3	Godávari Canal	118·50	57·46	1,00,51,330	1915-16	1911-12	1,00,50,902	20,07,551	...
4	Nira Canal including Shetphal Tank	106·79	139·00	64,96,407	1898-99	1885-86	65,27,589	22,47,823	...
5	Mhaswad Tank	66·25	43·36	20,96,016	1900-01	1884-85	20,96,016	23,40,838	...
6	Gokák Canal, 1st Section	.....	.....	4,12,666	1896-97	1884-85	4,12,666	5,46,070	...
	Total	337·65	262·75	3,26,80,083	.....	.....	2,85,85,501	89,61,990	...
	Under Construction.								
7	Máládevi Tank	.....	.....	3,14,574	Not completed.	Under completion.	3,11,928	2,11,399	...
8	Budhihal Tank	.....	.....	14,54,611			5,09,578	2,17,554	...
9	Nira Right Bank Canal	.....	.....	2,57,72,499			1,27,32,056	12,58,765	...
	Total	.....	.....	2,75,41,684	.....	.....	1,35,53,562	16,87,658	...
	Total, Protective Works	337·65	262·75	6,02,21,767	.....	.....	4,21,39,063	1,06,49,648	...
	49.—Irrigation Productive Works.								
10	Hathmati Canal, including Khári Cut Canal.	60·00	57·00	13,15,973	1883-84	1873-74	13,15,973	9,00,701	...
11	Lower Pánjhra River Works	.....	45·00	4,68,621	1894-95	1851-52	4,68,621	4,91,393	...
12	Kadwa River Works	24·12	14·36	10,34,191	1907-08	1868-69	10,34,191	10,36,380	...
13	Pravara River Works—Lákh Canal	23·00	9·37	3,71,891	1893-94	1869-70	3,71,891	9,22,212	...
14	Mutha Canal, including Mátoba Tank	88·00	84·00	79,15,498	1896-97	1874-75	79,15,498	39,25,492	...
15	Ekrúk Tank	48·00	1·68	13,40,386	1890-91	1872-73	13,40,386	15,70,142	...
16	Krishna Canal	63·87	.....	9,46,769	1891-92	1869-70	9,44,459	6,01,310	...
	Total, Productive Works	306·99	211·41	1,33,93,329	.....	.....	1,33,91,019	94,47,630	...
	Total, Major Works	644·64	474·16	7,36,15,096	.....	.....	5,55,30,082	2,00,97,278	...
	43.—Minor Works and Navigation—Irrigation Works.								
17	Wángroli Tank	13·79	.....	2,90,930	1903-09	1904-05	2,90,930	1,45,195	...
18	Tranza Nagráma Tanks	7·60	.....	2,80,635	1909-10	1904-05	2,80,635	1,45,414	...
19	Sávli Tank	8·35	1·32	2,55,210	1909-10	1908-09	2,55,210	1,46,540	...
20	Sahiat do.	9·25	0·85	1,84,029	1911-12	1910-11	1,84,029	1,23,515	...
21	Futelao do.	3·99	.....	1,16,461	1916-17	1915-16	1,16,461	14,852	...
22	Hartála do.	.....	5·50	73,382	1886-87	1872-73	73,382	63,395	...
23	Mhaswa do.	.....	7·00	1,38,956	1886-87	1877-78	1,38,956	2,15,049	...
24	Jámda Canals	39·00	75·00	10,41,089	1901-02	1870-71	10,41,089	21,56,911	...
25	Parsul Tank	.....	4·75	2,18,946	1894-95	1889-90	2,14,995	2,16,112	...
26	Pravara Left Bank Canal	19·00	21·00	3,47,550	1892-93	1874-75	3,47,550	5,81,116	...
27	Bhátodi Tank	4·50	5·50	3,79,707	1891-92	1871-72	3,79,707	6,26,093	...
28	Kásurdi do.	.....	1·75	45,590	1877-78	1869-70	45,590	96,556	...
29	Shirsuphal do.	.....	12·50	2,24,568	1893-94	1879-80	2,24,568	3,03,068	...
30	Bhádalwádi do.	.....	9·75	2,27,422	1890-91	1881-82	2,27,422	2,78,559	...
31	Koregaon do.	3·75	.....	39,189	1891-92	1868-69	39,189	67,770	...
32	Ashti do.	27·50	3·15	8,36,091	1892-93	1881-82	8,36,091	10,44,242	...
33	Páthri do.	4·66	3·33	6,42,846	1908-09	1906-07	6,42,846	2,94,309	...
34	Rewári Canal	10·25	.....	59,811	1892-93	1865-66	59,811	26,930	...
35	Upper Mán River Works	17·50	6·50	4,39,286	1891-92	1872-73	4,39,286	6,59,019	...
36	Yerla River Irrigation Works	33·33	4·00	7,71,814	1894-95	1869-70	7,64,870	9,62,844	...
37	Chikhli Canal	6·50	.....	57,442	1882-83	1870-71	57,442	94,303	...
38	Maini Tank	9·25	7·58	4,87,650	1891-92	1875-76	4,87,650	6,09,527	...
39	Muchkundi Tank	5·50	2·25	1,58,707	1890-91	1884-85	1,58,707	1,86,513	...
40	Gadikeri Tank	.....	.....	16,918	1881-82	1882-83	16,918	.....	43,956
41	Gokák Canal, First Section	16·13	35·43	9,69,256	1896-97	1884-85	9,69,256	9,672	...
42	Dambal Tank	.....	3·27	63,980	1885-86	1880-81	63,980	66,828	...
43	Medleri do.	.....	4·87	81,392	1887-88	1884-85	81,392	1,24,350	...
44	Madag do.	9·00	.....	1,67,598	1888-89	1866-67	1,67,598	3,14,664	...
45	Asundi do.	.....	4·86	74,995	1889-90	1884-85	74,995	96,082	...
46	Mávinkop do.	.....	2·79	33,504	1881-82	1882-83	33,504	2,752	...
47	Dharma Canal	19·00	13·00	98,334	Not completed.	1913-14	92,970	39,804	...
	Total	267·85	235·95	88,23,288	.....	.....	88,07,029	97,11,984	43,956
	Under Construction.								
48	Victoria Tank	.....	.....	4,61,003	Not completed.	Under completion.	58,335	24,238	...
49	Suki River	.....	.....	.....			15,524	3,381	...
	Total	.....	.....	4,61,003	.....	.....	73,859	27,619	...
	In Abeyance.								
50	Gokák Canal, Second Section	.....	.....	1,91,995	.....	.....	1,90,284	2,72,513	...
	Total, Minor Works	267·85	235·95	94,76,286	.....	.....	90,71,172	1,00,12,116	43,956
	Grand Total	912·49	710·11	8,30,91,382	.....	.....	6,46,01,254	3,01,09,394	43,956

(a) Includes area of wheat cultivated on free supply of canal water during Kharif Season 1917-18 for the following canals :—

Protective Irrigation Works :—

	Acres.
Chankápur Tank	307
Total	307

Productive Irrigation Works :—

	Acres.
Mutha Canals including Matoba Tank	5
Total	5

Minor Works :—

	Acres.
Parsul Tank	59
Shirsuphal Tank	14
Bhadalwadi Tank	9
Total	82

II-C.

Deccan and Gujarát for, and up to the end of, 1917-1918.

of 1917-1918.	Financial Results of the year 1917-1919.									
Total sum-at-charge (column 7+column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital outlay, column 7.	Percentage on sum-at-charge, column 10.	Interest at 3·4730 per cent. on direct Capital outlay to end of previous year, *plus* half the outlay of the year.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
86,45,089	13,535	28,949	−15,414	.....	.....	2,41,159	...	2,56,573	8,631	213·88
26,72,342	7,600	24,168	−16,568	.....	.....	64,193	...	80,761	3,473	318·00
1,20,58,453	2,16,775	1,46,910	69,865	0·70	0·58	3,31,352	...	2,61,487	22,383	67·77
87,75,417	4,26,097	1,39,384	2,86,713	4·39	3·27	2,13,671	73,642	.....	34,451	32·71
44,36,854	39,133	16,632	22,501	1·07	0·51	69,653	...	47,152	6,034	42·50
2,58,736	.....	.....	.....	.....	.....	13,925	...	13,925	.....	.....
3,75,47,491	7,03,140	3,56,043	3,47,097	1.21	0·92	9,33,353	...	5,86,256	(a) 69,972	50·64
5,23,267	.....	.....	.....	.....	.....	10,490	...	10,490	.....	.....
7,27,132	.....	.....	.....	.....	.....	17,058	...	17,058	.....	.....
1,39,90,821	.....	.....	.....	.....	.....	4,02,805	...	4,02,805	.....	.....
1,52,41,220	.....	.....	.....	.....	.....	4,30,353	...	4,30,353	.....	.....
5,27,88,711	7,03,140	3,56,043	3,47,097	0·82	0·66	13,63,706	...	10,16,609	(a) 69,972	50·64
22,16,674	33,194	46,049	−12,855	.....	.....	43,099	...	55,954	16,066	138·73
9,60,014	15,655	9,827	5,728	1·22	0·60	15,468	...	9,740	3,344	63·18
20, 0,571	27,362	18,764	8,598	0·83	0·42	33,749	...	25,151	4,369	68·58
12,94,103	1,803	2,642	−839	.....	.....	12,240	...	13,079	841	146 53
1,18,40,980	4,26,354	1,87,191	2,39,163	3·0[illegible]	2·02	2,64,515	...	25,352	13,856	43·91
29,10,528	1,06,665	17,316	89,349	6·0[illegible]	3·07	42,6[illegible]	46,696	.....	2,384	16·23
15,45,709	51,971	17,518	34,453	3·65	2·23	31,013	3,440	.....	3,504	33·71
2,28,34,649	6,62,904	2,99,307	3,63,597	2·72	1·59	4,42,737	...	79,140	(a) 44,864	45·15
7,56,27,360	13,66,044	6,55,350	7,10,694	1·21	0·94	18,06,443	...	10,95,749	(a) 1,14,836	47·97
4,36,125	3,804	9,427	−5,623	.....	.....	8,321	...	13,944	772	247·87
4,26,049	361	4,595	−4,234	.....	.....	8,267	...	12,501	79	1,272·85
4,01,750	1,427	6,188	−4,761	.....	.....	8,133	...	12,894	122	433·64
3,07,544	308	6,241	−5,933	.....	.....	5,503	...	11,436	149	2,026·30
1,31,313	356	2,824	−2,468	.....	.....	3,728	...	6,196	45	793·26
1,36,777	2,431	1,690	744	1·01	0·54	1,665	...	921	101	69·43
3,54,005	1,247	1,925	−678	.....	.....	4,473	...	5,151	180	154·37
31,98,000	11,238	14,970	−3,732	.....	.....	34,424	...	38,156	1.484	133·21
4,31,107	5,121	3,762	1,359	0·63	0·32	7,224	...	5,865	1,117	73·46
9,28,666	2,675	7,838	−5,163	.....	.....	11,264	...	16,427	1,809	293·01
10,05,800	7,645	5,600	2,045	0·54	0·20	12,248	...	10,203	779	73·25
1,42,146	235	686	−451	.....	.....	1,417	...	1,868	66	291·91
5,27,636	2,836	2,526	310	0·14	0·06	7,270	...	7,080	863	89·07
5,05,981	4,591	2,967	1,624	0·71	0·30	7,401	...	5,777	990	64·62
1,06,959	2,842	6,039	−3,197	.....	.....	1,317	...	4,514	508	212·49
18,80,333	24,920	6,151	18,769	2·24	1·00	26,292	...	7,523	2,256	24·68
9,37,155	5,388	1,984	3,404	0·53	0·36	21,804	...	18,400	1,152	36·82
88,741	6,579	1,885	4,694	7·85	5·41	1,972	2,722	.....	721	28·65
10,98,305	5,400	2,233	3,167	0·72	0·39	14,442	...	11,275	852	41·35
17,27,714	18,748	9,191	9,557	1·25	0·55	24,990	...	15,433	3,040	49·02
1,51,745	2,197	888	1,309	2·28	0·86	1,869	...	560	293	40·42
10,97,177	8,713	2,921	5,792	1·19	0·53	16,050	...	10,258	1,833	33·52
3,45,220	631	207	424	0·27	0·12	4,870	...	4,446	.....	33·81
16,918	2,061	344	1,717	10·15	10·15	568	1,149	.....	377	16·69
9,78,928	47,225	13,745	33,480	3·45	3·43	31,285	2,195	.....	6,541	29·10
1,30,808	1,588	900	688	1·08	0·53	2,113	...	1,425	253	56·67
2,05,742	1,034	832	202	0·25	0·10	2,721	...	2,519	73	80·46
4,32,262	3,490	1,609	1,881	1·12	0·39	5,600	...	3,719	587	46·10
1,71,077	1,529	920	609	0·81	0·56	2,110	...	1,501	320	60·17
36,256	2,244	644	1,600	4·78	4·41	1,048	552	.....	388	28·70
1,32,774	−2,064	231	−2,295	.....	.....	3,061	...	5,356	8,488	.....
1,85,19,013	1,76,803	1,21,963	54,840	0·62	0·30	2,83,550	...	2,28,710	(a) 36,238	68·98
82,573	.....	.....	.....	.....	.....	1,895	...	1,895	.....	.....
18,905	.....	.....	.....	.....	.....	526	...	526	.....	.....
1,01,478	.....	.....	.....	.....	.....	2,421	...	2,421	.....	.....
4,02,797	.....	.....	.....	.....	.....	6,123	...	6,123	.....	.....
1,90,83,288	1,76,803	1,21,963	54,840	0·60	0·29	2,92,094	...	2,37,254	(a) 36,238	68·98
9,47,10,648	15,42,847	7,77,313	7,65,534	1·11	0·81	20,98,537	...	13,33,003	(a) 1,51,074	50·38

JAGAT PRASAD,
Deputy Accountant General, Bombay.

STATEMENT III-C.

Demands and Realizations during the year 1917-1918 in Deccan and Gujarát.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (b)	Demands of the year (a). Rabi, 1916-1917.	Kharif, 1917-1918.	Miscellaneous Receipts.	Total.	Total including Balance at commencement of year.	*Deduct*—Remissions not including Cash Refunds.	Net Total.	*Deduct*—Amount unrealized at close of year.	Actual Realizations of the year.
	1	2	3	4	5	6	7	8	9	10	11
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	35.—Protective Irrigation Works.										
1	Pravara River Canal... ...	—353	3,601	8,653	1,037	13,291	12,938	.....	12,938	(d)—597	13,535
2	Chankápur Tank	45	4,536	6,936	302	11,774	11,819	.....	11,819	4,219	7,600
3	Godávari Canal	16,835	38,895	2,21,684	6,567	2,67,146	2,83,981	210	2,83,771	66,978	2,16,793
4	Nira Canal and Shetphal Tank	779	11,563	4,07 912	11,015	4,30,490	4,31,269	117	4,31,152	4,572	4,26,580
5	Mhasvad Tank	—514	17,777	19,719	2,124	39,620	39,106	.....	39,106	(d)—112	39,218
	Total, Protective Works ...	16,792	76,372	6,64,904	21,045	7,62,321	7,79,113	327	7,78,786	75,060	7,03,726
	49.—Irrigation Productive Works.										
9	Háthmati and Khári Cut Canals	5,526	1,169	62,282	7,704	71,155	76,631	32	76,649	43,317	33,332
10	Lower Pánjhra River Works.	199	(c) 4,127	(c) 6,710	2,302	13,139	13,338	.....	13,338	1,028	12,310
11	Kádwa River Works... ...	233	7,802	21,683	2,294	31,779	32,012	.....	32,012	5,244	26,768
12	Pravara River Works—Lákh Canal	—136	240	739	686	1,665	1,529	.....	1,529	(d)—49	1,578
13	Mutha Canals and Mátoba Tank	17,509	4,774	2,23,702	2,33,779	4,61,255	4,78,764	.....	4,78,764	52,280	4,26,484
14	Ekrúk Tank	14,743	3,179	19,051	77,646	99,876	1,14,619	.....	1,14,619	7,954	1,06,665
15	Krishna Canal	8,928	3,143	67,710	2,669	73,522	82,450	.....	82,450	30,333	52,117
	Total, Productive Works ...	47,002	24,434	4,00,877	3,27,080	7,52,391	7,99,393	32	7,99,361	1,40,107	6,59,254
	Total, Major Works ...	63,794	1,00,806	10,65,781	3,48,125	15,14,712	15,78,506	359	15,78,147	2,15,167	13,62,980
	43.—Minor Works and Navigation.										
16	Wangroli Tank	773	979	328	518	1,825	2,598	.....	2,598	97	2,501
17	Tranza-Nagramma Tanks ...	...	...	...	307	307	307	.....	307	...	307
18	Sávli Tank	197	727	363	236	1,326	1,523	.....	1,523	96	1,427
19	Sahiat do.	...	...	8	292	300	300	.....	300	...	300
20	Futelao do.	...	268	...	160	428	428	.....	428	72	356
21	Hartála do.	...	50	240	2,144	2,434	2,434	.....	2,434	...	2,434
22	Mhasva do.	31	486	68	704	1,258	1,289	.....	1,289	42	1,247
23	Jámda Canals	6	1,644	5,003	6,145	12,797	12,803	.....	12,803	1,551	11,252
24	Parsul Tank	...	3,716	1,375	41	5,132	5,132	.....	5,132	11	5,121
25	Pravara Left Bank Canal ...	—66	...	1,779	828	2,607	2,541	.....	2,541	(d)—58	2,599
26	Bhátodi Tank	—576	3,113	967	1,266	5,346	4,770	73	4,697	(d)—742	5,439
27	Kásurdi do.	...	93	88	54	235	235	.....	235	...	235
28	Shirsuphal do.	...	529	2,365	148	3,042	3,042	.....	3,042	206	2,836
29	Bhádalvádi do.	...	560	3,972	60	4,592	4,592	.....	4,592	1	4,591
30	Koregaon do.	...	2,032	655	155	2,842	2,842	.....	2,842	...	2,842
31	Ashti do.	1,483	9,845	7,404	6,101	23,350	24,833	.....	24,833	(d)—119	24,952
32	Páthri do.	72	4,545	590	184	5,319	5,391	.....	5,391	(d)—1	5,392
33	Revári do.	...	2,787	2,783	1,009	6,579	6,579	.....	6,579	...	6,579
34	Upper Mán River Works ...	67	2,411	2,779	143	5,333	5,400	.....	5,400	...	5,400
35	Yerla River Irrigation Works.	—5	9,699	7,567	1,571	18,837	18,832	.....	18,832	84	18,748
36	Chikhli Canal	...	347	2,234	27	2,668	2,668	.....	2,668	471	2,197
37	Maini Tank	...	6,137	3,138	26	9,301	9,301	.....	9,301	588	8,713
38	Muchkundi Tank	...	...	...	631	631	631	.....	631	...	631
39	Gadikeri do.	...	...	...	...	...	...	.....	...	...	...
40	Gokák Canal, First Section, and Storage Works ...	521	5,714	24,893	18,650	49,257	49,778	.....	49,778	1,563	48,215
41	Dambal Tank	265	64	735	343	1,142	1,407	.....	1,407	735	672
42	Medleri do.	140	65	620	230	915	1,055	.....	1,055	21	1,034
43	Madag do.	1,616	1,087	1,265	500	2,852	4,468	.....	4,468	978	3,490
44	Asundi do.	4	336	439	94	869	873	.....	873	31	842
45	Mávinkop do.	...	...	...	...	...	...	.....	...	...	...
46	Dharma Canal	7,557	...	3,582	29	3,611	11,168	.....	11,168	8,271	2,897
	Total, Minor Works ...	12,085	57,234	75,305	42,596	1,75,135	1,87,220	73	1,87,147	13,898	1,73,249
	Grand Total ...	75,879	1,58,040	11,41,086	3,90,721	16,89,847	17,65,726	432	17,65,294	2,29,065	15,36,229

(a) Excluding Irrigation Share of Land Revenue.
(b) Correct balances as now reported by the Revenue Officers in Canal Returns Nos. VI and VII.
(c) Inclusive of assessments shown in Canal Return No. IX.
(d) Excess recovery to be refunded.

C. W. C. CARSON,
Accountant General, Bombay.

STATEMENT IV-C.

Statement showing the Financial Results of Irrigation Works in Deccan and Gujarát for the year ended 1917-1918, based on the assessment of the year.

Principal Results and Operations for the year ended 31st March 1918.

	Irrigation Works.	Capital outlay (direct and indirect) to end of year.	Revenue assessed during the year.								Working Expenses, direct and indirect.	Net assessed Revenue of the year.	Percentage on Capital outlay to end of year.
			Direct assessed Revenue.						Indirect Revenue (Land Revenue due to operation of Canal).	Grand Total.			
			Occupier's rate.	Owner's rate.	Plantations.	Water-power.	Navigation.	Miscellaneous.	Total.					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	MAJOR WORKS.													
	35.—Protective Irrigation Works.													
1	Pravara River Canal	75,81,249	14,734	...	564	...	...	473	15,771	.....	15,771	28,940	—13,178	(a)
2	Chankápur Tank	19,17,079	17,537	...	...	...	...	302	17,839	.....	17,839	24,164	—6,329	(a)
3	Godávari Canal	1,00,59,902	2,86,630	...	61	...	...	6,506	2,93,197	.....	2,93,197	1,46,910	1,46,287	1·46
4	Nira Canal including Shetphal Tank.	65,27,589	4,39,709	...	1,125	...	...	9,890	4,50,784	.....	4,50,784	1,39,384	3,11,400	4·77
5	Mhasvad Tank	20,96,016	33,703	...	1,313	...	...	811	35,827	.....	35,827	16,632	19,195	0·92
	Total, Protective Works ...	2,81,72,835	7,92,373	...	3,063	...	...	17,982	8,13,418	.....	8,13,418	3,56,043	4,57,875	1·62
	49.—Irrigation Productive Works.													
9	Háthmati and Khári Cut Canals ...	13,15,973	77,482	...	17	...	...	7,687	85,186	.....	85,186	46,049	39,137	2·97
10	Lower Pánjhra River Works ...	4,68,621	12,143	...	11	...	...	2,291	14,445	8,245	17,690	9,827	7,863	1·68
11	Kádwa River Works	10,34,191	32,801	...	...	...	...	2,294	35,095	594	35,689	18,764	16,925	1·64
12	Pravara River Works—Lákh Canal .	3,71,891	1,256	...	244	...	...	44	1,912	225	2,137	2,642	—475	(a)
13	Mutha Canals and Mátoba Tank ...	79,15,498	2,31,784	...	1,068	...	1	2,32,710	4,65,563	.....	4,65,563	1,87,191	2,78,372	3·52
14	Ekrúk Tank	13,40,386	23,758	...	264	...	...	77,380	1,01,304	.....	1,01,304	17,316	83,988	6·27
15	Krishna Canal	9,44,459	70,489	...	9	...	...	2,660	73,158	.....	73,158	17,518	55,640	5·89
	Total, Productive Works ...	1,33,91,019	4,49,613	...	1,604	...	1	3,25,475	7,76,693	4,064	7,80,757	2,99,307	4,81,450	3·60
	Total, Major Works ...	4,15,63,854	12,41,986	...	4,667	...	1	3,43,457	15,90,111	4,064	15,94,175	6,55,350	9,38,825	2·26
	43.—Minor Works and Navigation.													
16	Wangroli Tank	2,90,930	1,058	...	...	...	...	518	1,576	1,308	2,884	9,427	—6,543	(a)
17	Tranza-Nagramma Tanks	3,80,625	59	...	...	...	...	307	366	54	420	4,595	—4,175	(a)
18	Sávli Tank	2,55,210	440	...	...	...	...	236	676	.....	676	6,188	—5,512	(a)
19	Sshiat do.	1,84,029	604	...	...	...	...	292	896	8	904	6,241	—5,337	(a)
20	Pulelao do.	1,16,461	90	...	...	...	...	160	250	.....	250	2,824	—2,574	(a)
21	Hartála do.	73,382	397	...	1,755	...	...	389	2,541	.....	2,541	1,690	851	1·16
22	Mhasva do.	1,38,956	518	...	169	...	...	535	1,222	.....	1,222	1,925	—703	(a)
23	Jánda Canals	10,41,089	8,512	...	5,508	...	...	637	14,657	.....	14,657	14,970	—313	(a)
24	Parsul Tank	2,14,995	5,532	...	...	...	...	41	5,573	.....	5,573	3,762	1,811	0·84
25	Pravara Left Bank Canal ...	3,47,550	5,087	...	200	...	...	628	5,865	76	5,941	7,838	—1,897	(a)
26	Bhátodi Tank	3,79,707	3,473	...	...	...	...	1,266	4,739	2,232	6,971	5,600	1,371	0·36
27	Kásurdi do.	45,590	291	...	...	...	...	54	345	.....	345	686	—341	(a)
28	Shirsuphal do.	2,24,568	3,365	...	...	...	...	148	3,513	.....	3,513	2,526	987	0·44
29	Bhádalvádi do.	2,27,422	4,467	...	...	...	...	60	4,527	.....	4,527	2,987	1,560	0·69
30	Koregaon do.	39,189	3,155	...	...	...	...	155	3,310	.....	3,310	6,039	—2,729	(a)
31	Ashti do.	8,36,091	12,871	...	1,224	...	...	4,877	18,972	.....	18,972	6,151	12,821	1·53
32	Páthri do.	6,42,846	5,409	..	7	...	...	177	5,593	.....	5,593	1,984	3,609	0·56
33	Revári do.	59,811	4,883	...	...	...	...	1,009	5,892	.....	5,892	1,885	4,007	6·70
34	Upper Mán River Works	4,39,286	4,354	...	...	...	...	143	4,497	.....	4,497	2,233	2,264	0·52
35	Yerla River Irrigation Works ...	7,64,870	16,519	...	...	...	...	1,571	18,090	.....	18,090	9,191	8,899	1·16
36	Chikhli Canal	57,442	2,624	...	...	...	...	27	2,651	.....	2,651	888	1,763	3·07
37	Maini Tank	4,87,650	8,769	...	...	...	...	26	8,795	.....	8,795	2,921	5,874	1·20
38	Machkundi Tank	1,58,707	...	...	...	...	...	631	631	.....	631	207	424	0·27
39	Gadikeri do.	16,918	...	...	...	...	...	...	...	2,061	2,061	344	1,717	10·15
40	Gokák Canal, First Section, and Storage Works	13,81,922	33,786	...	345	14,313	...	3,992	52,436	.....	52,436	13,745	38,691	2·80
41	Dambal Tank	63,980	952	...	...	...	...	343	1,295	916	2,211	900	1,311	2·04
42	Medleri do.	81,392	624	...	...	...	...	230	854	.....	854	832	22	0·02
43	Mádag do.	1,67,598	2,422	...	95	...	...	405	2,922	.....	2,922	1,609	1,313	0·78
44	Asundi do.	74,995	676	...	...	...	...	94	770	687	1,457	920	537	0·72
45	Mávinkop do.	33,504	...	...	...	...	...	...	...	2,244	2,244	644	1,600	4·78
46	Dharma Canal	92,970	3,582	...	...	...	...	29	3,611	—4,961	—1,350	231	—1,581	(a)
	Total, Minor Works and Navigation	92,19,695	1,34,469	...	9,303	14,313	...	18,960	1,77,065	4,625	1,81,690	1,21,963	59,727	0·65
	Grand Total ...	5,07,83,549	13,76,455	...	13,970	14,313	1	3,62,437	17,67,176	8,689	17,75,865	7,77,313	9,98,552	1·97

(a) No percentage is calculated, as the net revenue against the work is a minus figure.

C. W. C. CARSON,
Accountant General, Bombay.

STATEMENT

Statement of Area irrigated by Irrigation Works in the

No.	Name of work.	Area irrigated in Acres.					Double-cropped.		Average Discharges, Cubic Feet per Second.			
									At Head.		Utilized.	
		Kharif.	Rabi.	Total.	Flow.	Lift.	Area irrigated.	Percentage of Total Area.	Kharif.	Rabi.	Kharif.	Rabi.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Major Works.											
	Protective Works.											
1	Pravara River Works—Pravara Right Bank Canal	(2,011‡) 2,042	(3,150*) 1,588	3,630	3,630	...	79	2·18	84·64	42·00	48·11	29·00
2	Girna Left Bank Canal ...	1,716	1,757	3,473	3,467	6	1,031	29·69	30·78	41·88	30·78	41·88
3	Darna Dam	317	336	653	...	653	...	...	...	...	...	...
	Godavari Right Bank Canal ...	6,343	8,588	14,931	14,916	15	650	4·35	116·27	123·99	97·90	106·59
	Godavari Left Bank Canal ...	2,354	3,944	6,298	6,791	7	240	3·53	61·11	75·00	54·70	73·00
4	Nira Canal and	25,897	(22,485*) 5,313	31,210	31,036	174	1,057	3·39	301	304	274	254
	Shetphal Tank	2,771	(2,104*) 470	3,241	3,238	3	182	5·62	21	29	21	29
5	Mhasvad Tank	3,813	2,221	6,034	5,843	191	...	...	46·77	53·75	46·77	53·75
	Total ...	45,753	24,217	69,970	68,921	1,049	3,239	4·63	...	...	...	...
	Productive Works.											
9	Hâthmati Canal and Khâri Cut Canal.	1,075 9,121	4,569 1,349	5,644 10,470	5,604 10,343	40 127	... ...	... ...	162 122	194 104	30 111	103 93
10	Lower Pânjra River Works.	54 1,195§	816 619§	870 1,814§	870	...	284	10·58	River flow exceeding 50 cusecs.	5·36	Not known.	5·36
	Kádva River Works. Wâghad Tank.	...	...	...	...	...	...	...	...	...	...	...
11	Kádva River Works. Pálkhed Canal.	(1,235‡) 1,275	(2,139‡) 1,250	2,525	2,501	24	95	3·76	23·34†	32·03	23·34	32·03
	Kádva River Works. Ojhar-Tâmbat Canal.	(790‡) 808	(804‡) 373	1,181	1,177	4	95	8·04	6·15†	6·89	6·55	6·89
	Kádva River Works. Wadáli Canal	(336‡) 339	(514‡) 323	662	662	...	37	5·59	5·74†	7·19	5·74	7·19
12	Pravara River Works—Lákh Canal.	(588‡) 593	(415‡) 248	841	827	14	181	21·52	14·07	9·70	11·96	7·95
13	Mutha Canals and Mátoba Tank.	11,104	(8,620*) 799	11,903	11,779	124	7	0·06	186	136	...¶	...
		1,217	(1,806*) 676	1,893	1,893	...	...	...	3·64†	6·25	3·64	6·25
14	Ekruk Tank	1,770	614	2,384	2,249	35	...	...	25·34	21·86	21·05	15·73
15	Krishna Canal	2,914	590	3,504	2,903	601	...	...	52·29	60·59	52·29	60·59
	Total ...	30,270 1,195§	11,607 619§	41,877 1,814§	40,908	969	699	1·67	...	...	...	...
	Total, Major Works ...	76,023 1,195§	35,824 619§	1,11,847 1,814§	109,829	2,018	3,938	5·47	...	...	...	...
	Minor Works and Navigation.											
16	Wangroli Tank	83	200	283	282	1	...	...	M.c.ft. 11·55	M.c.ft. 63·25	M.c.ft. 11·55	M.c.ft. 63·25
17	Pranza-Nagramma Tanks ..	...	30	30	29	1	...	...	...	M.c.ft. 81·0	...	M.c.ft. 43·0
18	Savli Tank	91	29	120	120	...	...	...	M.c.ft. 21·16	M.c.ft. 21·24	M.c.ft. 21·16	M.c.ft. 21·24
19	Sahiat do.	2	146	148	148	...	...	...	M.c.ft. 7·88	M.c.ft. 61·01	M.c.ft. 7·88	M.c.ft. 61·04
20	Butelao do. ...	...	45	45	45	..	...	...	...	M.c.ft. 16·83	...	M.c.ft. 16·83
21	Hartâla do.	28	73	101	101	...	...	...	0·28	1·05	0·28	1·05
22	Mhasva do.	26	154	180	179	1	...	...	0·60	2·65	0·60	2·63
23	Jámda Canals	558	926	1,484	1,484	...	..	...	39·46	65·31	31·92	53·86
24	Parsul Tank	(409‡) 446	(836‡) 671	1,117	1,117	...	146	13·07	1·63†	4·97	1·63	4·97
25	Pravara River Works—Pravara Left Bank Canal.	816	(1,419‡) 993	1,809	1,807	2	219	12·11	31·08	18·96	15·80	9·59
26	Bhâtodi Tank	139	641	780	772	8	59	7·56	0·26	1·28	0·26	1·28
27	Kâsurdi do.	18	48	66	66	...	...	...	...	...	...	...
28	Shirsuphal do.	(213‡) 589	(723‡) 274	863	863	...	...	...	1·83†	2·07	1·83	2·07
29	Bhâdalvâdi do.	(241‡) 860	(917‡) 129	989	989	...	...	...	1·34†	1·16	1·34	1·16
30	Koregaon do.	86	422	508	494	14	...	...	0·84	3·40	0·84	3·40
31	Ashti do.	1,217	1,039	2,256	2,246	10	...	...	5·63	6·85	5·63	6·85
32	Pathri do.	136	1,016	1,152	1,098	54	...	...	0·84	4·61	0·84	4·61
33	Revâri Canal	242	479	721	721	...	66	9·15	4·07	6·22	3·49	5·39
34	Upper Mân River Works ...	464	388	852	852	...	92	10·79	5·42	6·02	5·29	5·98
35	Yerla River Irrigation Works.	846	2,194	3,040	3,018	22	61	2·00	14·42	37·32	7·83	16·40
36	Chikhli Canal	228	65	293	286	7	...	...	6·93	8·18	6·93	8·18
37	Maini Tank	447	1,386	1,833	1,813	20	124	6·80	10·35	15·30	10·35	15·30
38	Muchkundi do.	...	...	...	...	...	...	...	...	...	...	...
39	Gadikeri do.	377§	...	377§	...	..	...	...	..	...	...	...
40	Gokák Canal, 1st Section and Storage Works.	4,795	1,746	6,541	6,312	229	...	...	36·54	44·54	36·54	44·54
41	Dambal Tank	99 144§	54 ...	153 144§	153	...	...	...	2·74	1·20	2·74	1·20
42	Medleri do.	72	1	73	73	...	...	...	3·96	4·79	3·96	4·79
43	Madag do.	331	256	587	587	...	...	...	6·71	8·82	6·71	8·82
44	Asundi do.	90	40 190§	130 190§	126	4	...	...	3·61	4·25	3·61	4·25
45	Mávinkop do.	388§	...	388§	...	...	...	...	1·61	0·42	1·61	0·42
46	Dharma Canal ...	627 7,504§	... 357§	627 7,861§	627	...	...	...	42·82	22·17	42·82	22·17
	Total, Minor Works ...	13,336 8,413§	13,445 547§	26,781 8,960§	26,408	373	767	2·15	...	...	...	...
	Grand Total ...	89,359 9,608§	49,269 1,166§	1,38,628 10,774§	136,237	2,391	4,706	3·15	...	...	...	...

I-E.

Bombay Presidency, excluding Sind, for the year 1917-1918.

Area irrigated per Cubic Foot per Second.				Base to which the Duties of Water are calculated.		Remarks.
Discharged at Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
14	15	16	17	18	19	20
(a) 23·70	(a) 75·00	(a) 42·22	(a) 103·62	16th June to 15th October	16th October to 15th February	* In the rabi season in addition to pure rabi crops perennial and eight months crops are irrigated. To obtain correct duties therefore these crops have to be added to the rabi area in column 4. The antique figures shown in brackets, represent the areas actually irrigated in the rabi season and the duties for the rabi season have been calculated on these figures.
54·71	54·47	54·71	54·47			
...	...	...	...			
54·55	107·66	(b) 64·79	125·24	16th February to 15th October.	16th October to 15th February.	
46·70	85·15	52·18	87·48			
86·00	74·00	95·00	89·00			
132·00	73·60	132·00	73·00			
81·53	83·51	81·53	83·51			† Hot weather discharges of these canals and tanks have not been included as they are generally very small in this season. If they were shown, the duties would have to be calculated to a basis of eight months which would give greatly vitiated figures. Even during the monsoon and rabi seasons, in the case of tanks there is no discharge from them for days together.
...	...	...	...			
6·64	23·55	35·83	44·36	15th June to 14th October	15th October to 14th February.	
74·76	12·97	82·17	14·51			
Not known.	390·85	Not known.	390·85			
...	...	...	...			
52·91	66·78	52·91	66·78	16th June to 15th October...	16th October to 15th February.	‡ The antique figures in brackets represent areas actually irrigated during the respective seasons. They differ from the figures shown in statement IV-E owing to thefact that certain areas irrigated during rabi season were assessed in kharif papers and vice versa. The figures in IV-E represent areas assessed in the respective seasons. In case of Nira Canal, Mutha Canals and Shetphal Tank, the low duties are due to high proportion of sugarcane which requires thrice as much water as is required for ordinary seasonal crops.
(d) 128·46	(d) 116·69	(d) 128·46	(d) 116·69			
58·01	71·49	58·01	71·49			
(c) 41·79	(c) 42·78	(c) 49·16	(c) 52·20			
60·00	63·00	...¶	...			
(d) 334·00	(d) 289·00	(d) 334·00	(d) 289·00	16th February to 15th October.	16th October to 15th February.	
69·85	58·05	84·09	80·67	15th February to 14th October.	15th October to 14th February.	
55·72	9·73	55·72	9·73	16th February to 15th October.	16th October to 15th February.	
...	...	...	...			¶ The figures for utilized discharge from Mutha Canals are not available as the quantities let into the Mutha Tank were not measured. Besides water was supplied for drinking purposes to the City and Cantonment, Poona.
...	...	...	...			
Per M.c.ft. 7·19	Per M.c.ft. 3·16	Per M.c.ft. 7·19	Per M.c.ft. 3·16	15th June to 14th October...	15th October to 14th February.	(a) *Pravara Right Bank Canal*—A fair duty considering the scattered nature of irrigation.
...	M.c.ft. 0·37	...	M.c.ft. 0·70			
M.c.ft. 4·30	M.c.ft. 1·37	M.c.ft. 4·30	M.c.ft. 1·37			(b) *Godavari Canals.*—Low duty for kharif was due to the fact that over 80 per cent. of the kharif area was sugarcane and that the canal discharge was run in excess of the irrigational requirements.
M.c.ft. 0·25	M.c.ft. 2·39	M.c.ft. 0·25	M.c.ft. 2·39			
...	M.c.ft. 2·67	...	M.c.ft. 2·67			
100·00	94·28	100·00	94·28	15th February to 14th October.	15th October to 14th February.	(c) *Lakh Canal.*—The low duties are due to unsatisfactory alignment of the canal and its distributaries. The canal will shortly be abandoned and the area thereunder will be served by the New Pravara Left Bank Canal.
43·33	63·87	43·33	63·87			
14·14	22·81	17·48	27·66			
(d) 250·92	(d) 168·21	(d) 250·92	(d) 168·21	16th June to 15th October.	16th October to 15th February.	*Pravara Left Bank Canal.*—The canal was closed during the year for its widening and extension and therefore much water is wasted in absorption and evaporation. Hence low duty in kharif.
26·25	(d) 74·84	51·65	(d) 147·97			
534††	582††	534††	582††			
...	...	...	...			
(d) 116·00	(d) 349·00	(d) 116·00	(d) 349·00			
(d) 180·00	(d) 790·00	(d) 180·00	(d) 790·00			
102	148	102	148	15th February to 14th October.	15th October to 14th February.	(d) The very high duties on these tanks and canals are due to timely and seasonable rainfall which rendered it necessary to send water down the canals except for a few days in both the kharif and rabi seasons.
216	217	216	217			
162	232	162	232			
69·45	77·00	69·34	87.94	16th February to 15th October.	16th October to 15th February.	
86	64	88	65			
59	59	108	134			
33	7·94	33	7·94			
43	91	43	91			
...	...	...	...	.....		
...	...	...	...	.....		
128·31	68·54	128·31	68·54	15th February to 14th October	15th October to 14th February.	
88	45	88	45	16th January to 15th October.	16th October to 15th January.	††The high duty is due to timely rainfall.
18	0·21	18	0·21			
49	29	49	29			
25	54	25	54			
241	...	241	...			
190	16	190	16			
...	...	...	...			*Note applicable to the Central Division.* As the perennial and eight months' crops are irrigated during the rabi season, in order to obtain the figures of duty for the rabi season in columns 15 and 17 the areas of perennial and eight months' crops given in statement G, irrigated in the rabi season are added to the area of rabi in column 4 and the totals so obtained are divided by the figures of rabi discharge in columns 11 and 13. The figures in columns 15 and 17 thus represent areas actually irrigated per cusec.
...	...	...	...			§ Area under consolidated assessment.

STATEMENT

Statement showing incidence of Working Expenses and Assessed Water Revenue

No.	Name of Work.	Average Discharge of the year at Canal Head in cubic feet per second.	Water-rate Assessed.					Gross assessed Revenue from all sources.	Working Expenses, Direct and Indirect.
			Occupier's.	Owner's.	Total Direct.	Indirect.	Total Direct and Indirect.		
	Major Works.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Protective Works.								
1	Pravara River Works—Pravara Right Bank Canal	104·47	14,734	...	14,734	...	14,734	15,771	28,949
2	Chankapur Tank—Girna Left Bank Canal	35·71	17,537	...	17,537	...	17,537	17,839	24,168
3	Darna Dam	.....	1,512	...	1,512	...	1,512	...	...
	Godavari Right Bank Canal ...	237·69	1,88,548	...	1,88,548	...	1,88,548	2,93,197	1,46,910
	Do. Left Bank Canal ...	131·65	96,570	...	96,570	...	96,570		
4	Nira Canal and Shetphal Tank ...	302 24	4,39,769	...	4,39,769	...	4,39,769	4,50,784	1,39,384
5	Mhasvad Tank	49·19	33,703	...	33,703	...	33,703	35,827	16,632
	Total ...	.....	7,92,373	...	7,92,373	...	7,92,373	8,13,418	3,56,043
	Productive Works.								
9	Háthmati Canal and	127	77,482	...	77,482	...	77,482	85,186	46,049
	Khári Cut Canal	76							
10	Lower Pánjhra River Works ...	4·46	12,143	...	12,143	3,245	15,388	17,690	9,827
11	Kádva River Works. Wághad Tank ...	.....	...	...	...	...	...	555	2,905
	Kádva River Works. Pálkhed Canal ...	26·44	18,273	...	18,273	594	18,867	20,197	11,848
	Kádva River Works. Ojhar-Támbat Canal	6·56	9,371	...	9,371	...	9,371	9,600	2,022
	Kádva River Works. Wadáli Canal ...	6·84	5,157	...	5,157	...	5,157	5,337	1,989
12	Pravara River Works—Lákh Canal	22·66	1,256	...	1,256	225	1,481	2,167	2,642
13	Mutha Canals and Mátoba Tank.	169 5·36	2,31,784	...	2,31,784	...	2,31,784	4,65,563	1,87,191
14	Ekrúk Tank	24·46	23,658	...	23,658	...	23,658	1,01,304	17,316
15	Krishna Canal	55·25	70,489	...	70,489	...	70,489	73,158	17,518
	Total ...	.....	4,49,613	...	4,49,613	4,064	4,53,677	7,80,757	2,99,307
	Total, Major Works ...	.....	12,41,986	...	12,41,986	4,064	12,46,050	15,94,175	6,55,350
	Minor Works and Navigation.								
16	Wangroli Tank	M. Cft.74·80	1,058	...	1,058	1,308	2,366	2,884	9,427
17	Tranza-Nagramma Tanks ...	M. Cft,81·00	59	...	59	54	113	420	4,595
18	Sávli Tank	M. Cft,42·40	440	...	440	...	440	676	6,188
19	Sahiat do.	M. Cft.68·92	604	...	604	8	612	904	6,241
20	Futelao do.	M. Cft.16·83	90	...	90	...	90	250	2,824
21	Hartála do.	0·54	397	...	397	...	397	2,541	1,690
22	Mhasva do.	1·28	518	...	518	...	518	1,222	1,925
23	Jámda Canals	48·15	8,512	...	8,512	...	8,512	14,657	14,970
24	Parsul Tank	2·85	5,532	...	5,532	...	5,532	5,573	3,762
25	Pravara River Works—Pravara Left Bank Canal	80·06	5,037	...	5,037	76	5,113	5,941	7,838
26	Bhátodi Tank	2·99	3,473	...	3,473	2,232	5,705	6,971	5,600
27	Kásurdi do.	.....	291	...	291	...	291	345	686
28	Shirsuphal do.	1·95	3,365	...	3,365	...	3,365	3,513	2,526
29	Bhádalvádi do.	1·25	4,467	...	4,467	...	4,467	4,527	2,967
30	Koregaon do.	1·17	3,155	...	3,155	...	3,155	3,310	6,039
31	Ashti do.	6·53	12,871	...	12,871	...	12,871	18,972	6,151
32	Páthri do.	2·04	5,409	...	5,409	...	5,409	5,593	1,984
33	Revári Canal	4·86	4,883	...	4,883	...	4,883	5,892	1,885
34	Upper Mán River Works ...	5·64	4,354	...	4,354	...	4,354	4,497	2,233
35	Yerla River Irrigation Works ..	22·46	16,519	...	16,519	...	16,519	18,090	9,191
36	Chikhli Canal	7·38	2,624	...	2,624	...	2,624	2,651	888
37	Maini Tank	12·00	8,769	...	8,769	...	8,769	8,795	2,921
38	Muchkundi do.	.....	...	...	...	...	...	631	207
39	Gadikeri do.	.....	...	...	...	2,061	2,061	2,061	344
40	Gokák Canal, 1st Section, and Storage Works	39·23	33,786	...	33,786	...	33,786	52,436	13,745
41	Dámbal Tank	2·35	952	...	952	916	1,868	2,211	900
42	Medleri do.	4·17	624	...	624	...	624	854	832
43	Madag do.	7·44	2,422	...	2,422	...	2,422	2,922	1,609
44	Asundi do.	3·77	676	...	676	687	1,363	1,457	920
45	Mávinkop do.	1·31	...	...	...	2,244	2,244	2,244	644
46	Dharma Canal	37·61	3,582	...	3,582	—4,961	—1,379	—1,350	231
	Total, Minor Works ...	.....	1,34,469	...	1,34,469	4,625	1,39,094	1,81,690	1,21,963
	Grand Total ...	.....	13,76,455	...	13,76,455	8,689	13,85,144	17,75,865	7,77,313

II-E.

on Canals in the Bombay Presidency, excluding Sind, during the year 1917-1918.

Area irrigated during the year.	Working Expenses.			Occupier's Rate.		Total Water-rate, Direct and Indirect.		Remarks.
	Per cent. on Gross Revenue.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	Per Acre irrigated.	Per cubic foot per second of Discharge at Canal Head.	
Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
3,630	120·15	7·97	277·10	4·06	141·03	4·06	141·03	
3,473	135·48	6·96	676·78	5·05	491·09	5·05	491·09	
653	50·11	6·56	397·76	2·31	.....	2·31	...	High rates due to irrigation being scattered and undeveloped.
14,931				12·63	793·25	12·63	793·25	
6,798				14·21	733·53	14·21	733·53	
34,451	30·92	4·05	427·57	12·77	1,348·98	12·77	1,348·98	
6,034	46·42	2·76	338·12	5·58	685·16	5·58	685·16	
69,970	43·77	5·09	.....	11·32	.....	11·32	...	
5,644	54·06	2·86	226·84	4·81	381·68	4·81	381·68	
10,470								
870	55·55	3·66	2,203·00	4·52	2,723·00	5·73	3,450·00	
*1,814								
...	...	...	.....	...	...	...	...	
2,525	58·66	4·69	448·11	7·24	691·07	7·47	713·54	
1,181	21·06	1·71	308·23	7·93	1,428·51	7·93	1,428·51	
662	37·27	3·00	290·79	7·79	753·95	7·79	753·95	
841	121·92	3·14	116·59	1·49	55·43	1·76	65·31	
13,796§	40·38	†13·57	1,073·59†	16·43	1,300·29§	16·44	1,300·58§	
2,384	17·09	7·26	709·00	9·92	967·00	9·92	967·00	
3,504	23·94	5·00	317·07	20·11	1,276·00	20·11	1,276·00	
41,877	38·34	6·85	.....	10·29	.....	10·38	...	
*1,314								
1,11,847	41·11	5·77	.....	10·93	.....	10·96	...	
*1,814								
283	326·87	33·31	126·03 Per M. Cft.	3·74	14·14 Per M. Cft.	8·36	31·63 Per M. Cft.	
30	1094·05	153·17	56·73 do.	1·97	0·73 do.	3·77	1·40 do.	
120	915·38	51·57	145·94 do.	3·67	10·40 do.	3·67	10·40 do.	
148	690·38	42·17	90·55 do.	4·08	8·76 do.	4·14	8·88 do.	
45	1131·20	62·84	168·03 do.	2·00	5·35 do.	2·00	5·35 do.	
101	66·59	16·73	3,130·00	3·93	735·19	3·93	735·19	
180	157·66	10·69	1,504·00	2·87	403·91	2·87	403·91	
1,484	102·14	10·09	311·00	5·87	176·78	5·87	176·78	
1,117	67·54	3·37	1,320·00	4·95	1,941·05	4·95	1,941·05	These tanks and the canal are worked only during the monsoon and rabi seasons. Hence the discharge given is for the 8 months period and not for twelve months. The discharge from them being uncertain in the hot weather, is omitted.
1,809	131·75	4·33	97·90	2·78	62·90	2·83	63·85	
780	80·33	7·18	1873·00	4·45	1,162·00	7·31	1,908·00	
66	200·58	10·40	.....	4·41	...	4·41	...	
863	72·07	2·93	1,295·38	3·90	1,725·64	3·90	1,725·64	
989	65·61	3·00	2,373·60	4·52	3,573·60	4·52	3,573·60	
508	182·45	11·89	5,162·00	6·21	2,696·00	6·21	2,696·00	
2,256	32·42	2·73	942·00	5·71	1,971·00	5·71	1,971·00	
1,162	35·47	1·72	973·00	4·70	2,651·00	4·70	2,651·00	
721	31·99	2·61	387·86	6·90	1,024·00	6·90	1,024·00	
852	49·65	2·62	395·92	5·11	772·00	5·11	772·00	
3,040	50·77	3·02	409·21	5·43	736·00	5·43	736·00	
293	33·50	3·03	120·32	8·95	355·00	8·95	355·00	
1,833	33·21	1·59	243·41	4·78	730·00	4·78	730·00	
...	32·81	...	...	...	...	...	...	
*377	16·69	0·91	...	...	...	5·47	...	* Area under consolidated assessment.
6,541	26·21	2·10	350·39	5·17	836·00	5·17	836·00	
153	40·70	3·03	382·98	3·21	405·00	6·29	794·89	
*144								
73	97·42	11·40	200·00	8·55	150·00	8·55	150·00	
*587	55·07	2·74	222·00	4·12	335·00	4·12	335·00	
130	63·10	2·87	244·03	2·11	180·00	4·26	361·54	
*190								
*388	28·69	1·66	491·60	...	...	5·78	1,712·98	
627	—16·97	0·37	6·14	5·71	95·00	—2·19	—36·00	
*7,861								
26,781	67·13	3·41	.....	3·76	...	3·89	...	
*8,960								
1,38,628	43·77	5·20	.....	9·21	...	9·27	...	
*10,774								

$ Excludes 28 acres indirectly irrigated by underground percolation and the revenue of Rs. 52 realized therefrom.

† The large figures are explained by the fact that the working expenses include those for the Poona Water Supply, which is a part of the Mutha Canals project.

§ The high rate is due to high proportion of sugarcane, which is very high rated crop on this canal.

STATEMENT

Statement of Quantity and Value of Crops irrigated in the Bombay

	(1) Pravara River Works—Pravara R. B. Canal.		(2) Chankapur Tank—Girna L. B. Canal.		(3A) Darna Dam (Lake Beale).		(3B) Godavari Right Bank Canal.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	1	40	...	...	...	...
Gardens and Orchards. — Fruits and other trees	231	38,120	18	816	...	...	120	4,865
Sugarcane	1,421	4,25,981	125	31,053	...	...	4,232	22,75,501
Cereals — Wheat	538	33,675	1,505	70,611	...	...	1,315	46,041
Cereals — Barley	...	...	...	...	...	...	...	...
Cereals — Rice	1	25	45	2,575	...	...	77	2,175
Cereals — Maize	86	5,836	87	3,208	...	...	296	16,440
Cereals — Jowár	149	6,546	87	4,622	...	...	108	2,150
Cereals — Chino, Rági, Rála, Wara	1	6	...	...	...	...	...	...
Cereals — Bájri	439	10,390	932	51,488	...	...	998	14,256
Cereals — Miscellaneous	...	...	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	169	7,246	493	17,526	...	...	566	12,371
Pulses — Tur	...	...	...	...	...	...	...	...
Pulses — Peas	1	11	4	148	...	...	1	8
Pulses — Groundnut	38	2,547	51	7,357	...	...	125	3,669
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	28	1,254	31	935	...	...	192	9,895
Fodder Crops — Lucerne, &c.	114	29,563	7	384	...	...	176	15,689
Fibres — Cotton	156	4,533	2	96	...	...	16	440
Fibres — Tág (Hemp)	...	...	...	...	...	...	82	1,422
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics — Tobacco	12	1,200	...	...	...	...	...	...
Drugs and Narcotics — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	3	141	...	...	...	...	1	15
Oil-seeds — Linseed, Castor-oil	...	...	3	115	...	...	1	10
Condiments — Chilly and Onions	117	11,588	4	220	...	...	66	2,520
Condiments — Garlic, Turmeric and Methi.	126	6,971	30	1,527	...	...	108	2,012
Miscellaneous	...	...	...	...	...	...	...	...
Land insufficiently irrigated	...	...	48	...	653*	...*	6,451	...
Total	3,630	5,85,633	3,473	1,92,721	653	...	14,931	24,09,479
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

* This area represents the area in the basin of Lake Beale let out for cultivation and measured as per G. R. No. 7200 of 9th August 1912, a uniform rate of Rs. 2 per acre was levied. The areas were not measured distinctly for each crop. Hence areas cannot be classified in respect of different crops and consequently no valuation of crops can be made.

III-E.

Presidency, excluding Sind, during the year 1917-1918.

(30) Godavari Left Bank Canal.		(4) Nira Canal, including Shetphal Tank.		(5) Mhaswad Tank.		(9) Hathmati Canal and Khari Cut.		(10) Lower Panjhra River Works.		(11) Kádva River Works. Pálkhed Canal.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	...	...	...	...	...	...	39	2,769	24	974
39	1,354	168	50,400	161	29,628	1	60			28	2,871
2,209	10,32,283	10,133	45,59,850	335	1,39,005	132	24,150	1	90	293	78,730
944	25,605	2,057	1,43,990	996	92,745	1,090	46,410	517	15,828	531	31,852
...	...	...	...	21	980	822	25,945	...	...	...	...
2	117	...	...	219	37,125	10,091	1,25,570	...	...	110	14,271
92	4,062	...	...	263	7,586	9	270	...	...	...	...
23	400	11,328	7,92,960	833	1,27,830	6	150	4	64	26	1,053
...	...	...	...	42	1,407	17	340	...	...	...	...
174	3,223	4,561	2,73,660	413	53,645	...	...	...	...	178	10,931
...	...	...	...	...	...	...	...	...	...	...	...
172	3,414	2,406	1,08,270	575	44,228	3,402	1,02,060	10	215	227	8,989
...	...	277	12,465	1	204	...	...	...	...	...	...
1	20	...	...	...	...	...	...	188	2,766	1	30
102	3,749	1,423	56,920	1,633	2,00,931	3	150	86	3,675	364	26,793
...	...	...	...	1	38	10	250	...	...	...	...
68	2,523	57	2,850	86	1,309	...	...	7	152	38	1,576
70	5,475	121	24,200	1	150	...	...	...	...	19	1,414
18	1,325	78	7,800	143	15,584	78	10,020	8	100	...	...
137	1,520	144	5,040	...	...	...	...	...	...	67	2,678
...	...	...	...	...	...	...	...	...	...	...	...
1	80	23	1,725	1	47	...	...	...	...	1	50
...	...	...	...	...	...	...	...	...	...	...	...
1	38	...	...	3	189	143	8,370	...	...	...	...
...	...	...	...	3	185	14	420	...	...	...	...
43	2,136	911	72,880	145	14,786	...	...	10	189	358	29,281
68	1,680	...	...	...	...	105	4,200			182	6,396
...	...	764	22,920	159	6,362	*191	...	...	...	...	...
2,634	...	...	...	...	...	...	...	...	...	78	...
6,798	10,89,004	34,451	61,35,930	6,034	7,73,964	16,114	3,48,365	870	25,848	2,525	2,17,889
...	...	...	...	...	...	...	...	1,814	...	...	...

* Water was given for ploughing purposes.

STATEMENT

	(11) Kadva River Works—*concluded.*						(12) Pravara River Works—La'kh Canal.	
	Ojhar-Tambat Canal.		Wadáli Canal.		Waghad Tank.			
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	30	1,265	9	346	...	...	...	...
Gardens and Orchards. — Fruits and other trees	3	192	21	2,544	...	...	37	8,981
Sugarcane	173	34,645	83	16,635	...	...	14	4,200
Cereals — Wheat	134	7,944	69	4,093	...	...	87	4,957
Cereals — Barley	...	...	...	...	...	...	...	...
Cereals — Rice	1	40	3	264	...	...	...	...
Cereals — Maize	1	30	...	...	...	...	17	942
Cereals — Jowár	13	742	1	60	...	...	1	50
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...	...	...
Cereals — Bájri	195	11,725	114	6,800	...	...	402	6,733
Cereals — Miscellaneous	...	...	1	28	...	...	...	...
Pulses — Gram, Udid, Mug	49	1,970	37	1,559	...	...	158	7,287
Pulses — Tur	...	...	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	...	...	...	...
Pulses — Groundnut	83	496	83	5,007	...	...	8	594
Pulses — Miscellaneous	...	...	...	...	...	...	...	...
Fodder Crops — Fodder	17	1,002	2	72	...	...	5	144
Fodder Crops — Lucerne, &c.	30	3,609	2	190	...	...	1	60
Fibres — Cotton	...	...	...	...	...	...	97	3,835
Fibres — Tág (Hemp)	74	2,934	11	325	...	...	...	...
Dyes	...	...	...	...	...	...	...	...
Drugs and Narcotics — Tobacco	...	...	...	...	...	...	1	25
Drugs and Narcotics — Bháng	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...	2	100
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...	...	...
Condiments — Chilly and Onions	265	20,698	36	2,768	...	...	9	787
Condiments — Garlic, Turmeric and Methi	42	1,757	177	11,403	...	...	2	75
Miscellaneous	...	...	...	...	...	...	...	...
Land insufficiently irrigated	71	...	13	...	...	...	...	...
Total	1,181	89,049	662	52,094	...	...	841	38,770
Area on which consolidated assessment is levied	...	...	...	...	...	...	...	...

III-E—*continued.*

(13) Mutha Canals, including Matoba Tank.		(14) Ekruk Tank.		(15) Krishna Canal.		(16) Wangeoli Tank.		(17) Tranza-Nagramma Tanks.		(18) Savli Tank.		(19) Sahiat Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
582	1,16,400	89	1,790	11	880	1	50	...	...	...	...	...	...
754	3,01,600	41	820	...	...	...	...	...	...	...	...	...	...
5,530	27,65,000	426	1,27,800	2,151	12,02,360	...	...	...	...	...	...	...	...
490	34,300	186	6,675	383	19,150	131	1,965	23	345	29	435	133	1,995
2	100	21	315	...	...	...	...	1	10	...	...	...	...
...	...	372	11,875	140	5,600	83	2,075	...	...	91	2,275	2	50
661	39,660	23	880	15	300	2	30	...	...	...	...	...	...
2,142	1,49,940	158	9,480	42	2,100	1	15	...	...	...	...	...	...
...	...	...	...	...	...	1	10	...	...	...	...	...	...
...	...	1	20	...	...	...	...	...	...	...	...	...	...
865	43,250	6	...	6	300	...	...	...	...	...	...	...	...
66	3,300	128	2,550	5	190	11	110	...	...	...	...	2	20
54	2,160	7	140	...	...	1	20	...	...	...	...	...	...
6	180	...	...	...	...	...	...	...	...	...	...	...	...
198	15,640	420	15,700	7	700	...	...	...	...	...	...	...	...
...	...	3	...	120	5,440	...	...	...	...	...	...	...	...
1,125	56,250	154	6,180	12	1,800	...	...	...	...	...	...	...	...
215	43,000	...	...	13	650	...	...	...	...	...	...	...	...
...	...	267	26,600	...	...	3	180	...	...	...	...	...	...
148	13,440	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	1	250	4	240	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
1	40	1	10	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...
260	20,800	52	5,200	33	6,600	...	...	...	...	...	...	7	175
...	...	20	2,300	520	2,60,000	39	875	...	...	...	...	2	50
697	20,910	9	160	45	4,500	6*	...	6	90†	...	...	2	15†
...	...	...	...	...	...	...	...	...	...	...	...	...	...
13,796	36,25,970	2,384	2,18,495	3,504	15,10,820	283	5,570	30	445	120	2,710	148	2,305
...	...	...	...	...	...	...	...	...	...	...	...	...	...

* Water was given for ploughing purposes.

† Water was given for Asalia grain &c.

STATEMENT

	(20) Futelao Tank.		(21) Hartála Tank.		(22) Mhasva Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	12	5,925	13	1,465
Gardens and Orchards. — Fruits and other trees	...	...	...	...	...	...
Sugarcane	...	...	12	4,195	...	...
Cereals — Wheat	30	2,711	69	2,510	110	3,366
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	...	...	...	...	...	...
Cereals — Maize	...	...	...	...	...	...
Cereals — Jowár	...	...	...	...	...	...
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...
Cereals — Bájri	...	...	...	...	...	...
Cereals — Miscellaneous	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	15	1,053	...	...	55	1,219
Pulses — Tur	...	...	...	...	...	...
Pulses — Peas	...	...	...	...	...	...
Pulses — Groundnut	...	...	...	...	...	...
Pulses — Miscellaneous	...	...	...	...	...	...
Fodder Crops — Fodder	...	..	...	...	1	20
Fodder Crops — Lucerne, &c.	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	...	...
Fibres — Tág (Hemp)	...	...	...	...	...	...
Dyes	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	...	...	1	25
Drugs and Narcotics. — Bháng	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...
Condiments — Chilly and Onions	...	...	...	...	...	...
Condiments — Garlic, Turmeric and Methi.	...	...	8	368	...	...
Miscellaneous	...	...	...	...	...	...
Land insufficiently irrigated	...	...	...	...	...	...
Total	45	3,764	101	12,998	180	6,095
Area on which consolidated assessment is levied	...	...	...	...	...	...

III-E—*continued.*

(23) Jamda Canals.		(24) Parsul Tank.		(25) Pravara River Works—Pravara L. B. Canal.		(26) Bhatodi Tank.		(27) Kasurdi Tank.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
421	80,676	1	30	...	...	1	8	...	...
...	...	16	870	207	28,133	1	25	...	...
143	28,240	7	1,400	157	46,567	2	148	6	1,800
712	22,200	268	12,103	419	17,076	193	3,865	14	840
...	...	...	...	...	...	...	...	...	...
11	211	...	...	...	...	2	36	...	...
1	22	14	453	78	4,256	2	31	...	...
...	...	33	544	203	8,818	311	6,223	29	1,450
...	...	...	...	...	...	...	...	...	...
...	...	136	6,798	270	7,755	...	...	...	...
...	...	...	...	...	...	...	...	13	520
96	1,954	436	9,633	195	7,853	137	2,685	2	60
...	...	...	...	...	...	...	...	...	...
17	385	...	...	...	...	...	...	...	...
...	...	29	1,450	5	374	31	781	...	...
...	...	...	...	...	...	...	...	2	60
13	168	37	1,862	20	689	...	...	...	...
3	58	1	100	72	9,649	...	...	...	...
5	197	82	4,510	15	1,956	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	22	1,514	5	131	...	...
...	...	...	...	...	...	64	12,700	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	4	82	46	3,387	13	313	...	...
				8	535				
62	4,565	42	1,347	70	2,938	...	...	...	...
...	...	...	...	...	...	18	1,378	...	...
...	...	11	...	22	...	...	...	...	...
1,484	1,38,676	1,117	41,182	1,809	1,41,500	780	28,324	66	4,730
...	...	...	...	...	...	...	...	...	...

STATEMENT

	(28) Shirsuphal Tank.		(29) Bhádalvádi Tank.		(30) Koregaon Tank.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	...	...	...	...	...	...
Gardens and Orchards. — Fruits and other trees	15	3,000	2	300	1	25
Sugarcane	6	1,800	49	19,600	...	...
Cereals — Wheat	59	3,540	23	1,150	67	5,302
Cereals — Barley	...	...	...	...	...	...
Cereals — Rice	7	280	7	280	1	20
Cereals — Maize	...	...	...	...	1	5
Cereals — Jowár	54	2,160	59	2,360	322	8,061
Cereals — Chino, Rági, Rála, Wara	...	...	...	...	...	...
Cereals — Bájri	62	2,480	37	1,480	...	...
Cereals — Miscellaneous	558	16,740	763	22,890	...	...
Pu'ses — Gram, Udid, Mug	22	880	3	90	18	182
Pu'ses — Tur	2	50	10	300	...	...
Pu'ses — Peas	...	...	...	...	...	...
Pu'ses — Groundnut	...	...	...	...	...	...
Pu'ses — Miscellaneous	...	...	...	...	...	...
Fodder Crops — Fodder	7	420	17	1,020	...	...
Fodder Crops — Lucerne, &c.	...	...	...	...	...	...
Fibres — Cotton	47	2,350	7	350	...	...
Fibres — Tág (Hemp)	...	...	...	...	...	...
Dyes	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	...	...	...	...
Drugs and Narcotics. — Bháng	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-oil	...	...	...	...	...	...
Condiments — Chilly and Onions	7	280	4	200	12	306
Condiments — Garlic, Turmeric and Methi	...	...	...	...	83	6,238
Miscellaneous	17	510	8	240	3	44
Land insufficiently irrigated	...	...	...	...	...	...
Total	863	34,490	989	50,260	508	20,183
Area on which consolidated assessment is levied	...	...	...	...	...	...

III-E—*continued.*

(31) Ashti Tank.		(32) Pathri Tank.		(33) Revári Canal.		(34) Upper Mán River Works.		(35) Yerla River Irrigation Works.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
...	...	...	...	...	...	...	...	...	...
31	5,559	6	867	6	400	1	200	60	8,450
114	28,317	1	156	85	10,650	63	13,230	177	36,600
301	12,525	60	728	147	4,500	95	11,400	434	25,504
1	15	1	15	...	...	8	416	1	32
297	21,604	8	127	88	1,225	16	1,280	75	4,800
43	155	...	...	...	...	40	3,200	31	1,054
431	23,747	896	22,388	287	4,750	148	17,400	1,285	1,90,650
...	...	1	24	...	...	10	800	14	536
3	75	...	...	...	...	239	18,642	82	10,168
...	...	...	...	...	...	...	...	...	...
318	12,022	50	500	15	200	114	6,840	408	16,670
3	120	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	2	104
483	52,743	81	1,639	9	200	43	2,580	163	10,595
...	...	...	...	2	12	...	...	...	...
14	396	1	12	...	..	21	1,680	5	520
...	...	...	...	...	...	...	...	...	...
102	7,650	5	331	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	4	175	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...
104	22,101	12	286	29	440	24	3,720	113	8,620
1	500	24	1,792	32	1,350	...	...	8	2,270
10	1,392	2	48	21	795	30	3,375	182	22,606
...	...	...	...	...	...	...	...	...	...
2,256	1,88,921	1,152	29,088	721	24,522	852	84,763	3,040	3,39,179
...	...	...	...	...	...	...	...	...	...

STATEMENT

	(36) Chikhli Canal.		(37) Maini Tank.		(38) Muchkundi Tank.		(39) Gadikeri Tank.		(40) Gokák Canal, 1st Section, and Storage Works.	
	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
Gardens and Orchards. — Vegetables	2	120	...	...	...	...	...	...	91	5,119
Gardens and Orchards. — Fruits and other trees	...	...	17	1,750	...	...	...	...	32	4,000
Sugarcane	69	34,257	75	39,000	...	...	...	...	284	1,03,944
Cereals — Wheat	32	1,600	163	9,580	...	...	...	...	1	60
Cereals — Barley	...	...	...	...	...	...	...	...	235	14,100
Cereals — Rice	5	200	21	1,344	...	...	...	...	201	17,889
Cereals — Maize	...	...	15	510	...	...	...	...	2,201	66,030
Cereals — Jowár	54	3,240	847	1,26,210	...	...		...	955	63,030
Cereals — Chino, Rági, Rála, Wara	4	80	8	320	...	...	...	...	350	15,750
Cereals — Bájri	7	280	126	15,624	...	...	...	...	54	648
Cereals — Miscellaneous	...	...	...	...	...	...	...	...	...	...
Pulses — Gram, Udid, Mug	13	650	330	13,275	...	...	...	...	288	11,520
Pulses — Tur	...	...	...	...	...	...	...	...	92	3,036
Pulses — Peas	...	...	...	...	...	...	...	...	...	...
Pulses — Ground-nut	10	1,000	107	6,955	...	...	...	...	153	57,375
Pulses — Miscellaneous	17	790	...	...	...	...	...	...	...	...
Fodder Crops. — Fodder	...	...	49	5,096	...	...	...	...	...	...
Fodder Crops. — Lucerne, &c.	...	...	...	...	...	...	...	...	...	...
Fibres — Cotton	...	...	...	...	...	...	...	...	30	3,750
Fibres — Tág (Hemp)	...	...	...	...	...	...	...	...	237	8,532
Dyes	...	...	...	...	...	...	...	...	...	...
Drugs and Narcotics. — Tobacco	...	...	2	320	...	...	...	...	...	...
Drugs and Narcotics. — Bháng	...	...	...	...	...	...	...	...	...	...
Oil-seeds — Mustard, Sesam	...	...	...	...	...	...	...	...	...	...
Oil-seeds — Linseed, Castor-Oil	...	...	...	...	...	...	...	...	8	128
Condiments — Chilly and Onions	35	10,500	14	1,090	...	...	...	...	797	1,27,520
Condiments — Garlic, Turmeric and Methi	41	15,375	35	490	...	...	...	...	29	928
Miscellaneous	4	200	24	1,300	...	...	...	...	503	1,006
Land insufficiently irrigated	...	...	...	...	...	...	...	...	...	...
Total	293	68,292	1,833	2,22,864	...	...	...	...	6,541	5,04,365
Area on which consolidated assessment is levied	...	...	...	...	...	...	377	...	...	...

III-E—*concluded.*

(41) Dambal Tank.		(42) Medleri Tank.		(43) Madag Tank.		(44) Asundi Tank.		(45) Mávinkop Tank.		(46) Dharma Canal.		Total.	
Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.	Area irrigated.	Estimated Value.
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
14	...	6	343	36	3,647	27	3,249	...	...	...	...		
3	89	34	4,186	2	244	...	...	...	...	...	...	3,466	7,25,445
35	2,640	...	...	9	846	64	19,544	...	...	...	...	28,616	1,31,10,217
...	...	...	...	...	...	...	...	...	...	...	...	14,355	7,29,176
...	...	...	...	...	...	...	...	...	...	...	...	1,113	41,928
6	169	31	751	319	12,508	...	...	...	...	627	31,350	12,959	2,98,111
...	...	...	...	...	...	...	...	...	...	...	...	3,978	1,54,960
13	317	...	...	...	...	...	...	...	...	...	...	20,849	15,79,510
...	...	...	...	...	...	...	...	...	...	...	...	448	19,273
...	...	...	...	...	...	...	...	...	...	...	...	9,423	5,06,821
25	450	...	...	...	...	...	...	...	...	...	...	2,237	84,178
...	...	...	...	...	...	...	...	...	...	...	...	10,991	4,08,591
...	...	...	...	...	...	...	...	...	...	...	...	447	18,495
...	...	...	...	...	...	...	...	...	...	...	...	221	3,652
...	...	...	...	...	...	...	...	...	...	...	...	5,738	4,79,620
...	...	...	...	...	...	...	...	...	...	...	...	155	6,590
...	...	...	...	...	...	...	...	...	...	...	...	2,007	97,825
...	...	...	...	...	...	...	...	...	...	...	...	845	1,34,191
...	...	...	...	...	...	...	...	...	...	...	...	1,159	91,607
...	...	...	...	...	...	3	150	...	...	...	...	903	36,041
...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	78	5,782
...	...	...	...	...	...	...	...	...	...	...	...	64	12,700
...	...	...	...	...	...	...	...	...	...	...	...	155	8,903
...	...	...	...	...	...	...	...	...	...	...	...	29	858
4	144	1	67	1	6	11	664	...	...	...	...	5,710	7,38,408
53	2,386	1	80	220	25,593	25	2,053	...	...	...	...		
...	...	...	...	...	...	...	...	...	...	...	...	2,701	87,851
...	...	...	...	...	...	...	...	...	...	...	...	9,981	...
153	6,195	73	5,427	587	42,844	130	25,660	...	...	627	31,350	1,38,628	1,93,80,733
144	...	...	...	...	...	190	...	388	...	7,861	...	10,774	...

STATEMENT

Comparative Statement of Irrigation and Rainfall for the years 1916-1917

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Ahmedabad ...	2,451,881	1,965,946	1,811,475	9	Hathmati Canal	28,840
					Khári Cut „	20,000
					Total ...	48,840
Kaira	1,026,207	877,491	809,368	16	Wangroli Tank	5,000
				17	Tranza-Nagrama Tanks	1,290
				18	Savli Tank	4,700
				19	Saiat „	4,000
					Total ...	14,990
Panch Mahals ...	1,028,986	707,478	624,145	20	Futelao Tank	1,200
West Khándesh...	3,480,279	1,740,690	1,393,619	10	Lower Pánjhra River Works... ...	12,627
East Khándesh ...	2,908,167	2,058,069	1,997,181	21	Hartala Tank	527
				22	Mhásva „	4,075
				23	Jámda Canals	40,185
					Total ...	44,787
Poona District ...	3,421,942	2,553,769	1,993,731	4	Nira Canal and Shetphal Tank	227,670
				13	Mutha Canals including Mátoba Tank	49,800
				27	Kásurdi Tank	478
				28	Shirsuphal „	2,500
				29	Bhádalvádi „	2,400
					Total ...	282,848
Násik District	3,771,193	2,555,456	2,149,469	2	Chankapur Tank—Girna Left Bank Canal.	15,109
				11	Kádva River Works. Wágliad Tank ...	...
					Pálkhed Canal ...	26,280
					Ojhár-Támbat Canal	7,421
					Wadáli Canal ...	2,729
				24	Parsul Tank	3,197
				3	Godavari River Works— Lake Beale Dam ... Godavari Right Bank Canal ... Godavari Left Bank Canal ...	83,000
					Total ...	137,736
Ahmednagar District.	4,241,863	3,252,011	3,211,737	3	Godavari Right Bank Canal ... Godavari Left Bank Canal ...	136,390
				1	Pravara Right Bank Canal	60,000
				12	Lákh Canal	25,536
				25	Pravara Left Bank Canal	21,155
				26	Bhátodi Tank	13,657
					Total ...	256,738
Sholápur District.	2,915,994	2,511,293	2,118,600	5	Mhaswad Tank	102,400
				14	Ekrúk „	16,941
				30	Koregaon „	2,394
				31	Ashti „	16,825
				32	Páthri „	4,586
					Total ...	143,146

IV-E.

and 1917-1918 in the Bombay Presidency, excluding Sind.

Area at present estimated as annually irrigable by the works specified in Column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1916-1917.			1917-1918.			1916-1917.	1917-1918.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
3,000	83	702	785	1,075	4,569	5,644	21·29	47·23	At Prántij.
16,000	5,559	...	5,559	9,121	1,349	10,470	26·64	49·53	At Ahmedabad C. H.
24,000	5,642	702	6,344	10,196	5,918	16,114			
3,400	451	408	859	83	200	283	32·45	51·90	Rain-gauges fixed on the tanks.
800	...	...	...	...	30	30	20·87	58·52	
3,000	606	364	970	91	29	120	26·47	52·90	
2,000	...	...	...	2	146	148	20·41	53·34	
9,200	1,057	772	1,829	176	405	581			* Dohad Dispensary.
800	...	89	89	...	45	45	27·87*	8·93 34·76	Dohad Dispensary. From 1st April 1917 to 23rd June 1917. Futelao tank from 24th June 1917 (*i.e.* when the rain gauge fixed on this tank) to 31st March 1918.
								43·69	
12,627	122 *1,458	495 *353	617 *1,811	54 *1,195	816 *619	870 *1,814	33·61	23·56	* Area under consolidated assessment.
415	15	24	39	28	73	101	43·23	29·87	
1,700	112	234	346	26	154	180	30·12	26·24	
5,000	745	529	1,274	558	926	1,484	25·04	28·98	
7,115	872	787	1,659	612	1,153	1,765			
113,280	28,675	2,987	31,662	25,897	5,313	31,210	32·62	24·21	
4,200	2,316	250	2,566	2,771	470	3,241	39·67	28·68	
16,800	8,000	665	8,665	11,104	799	11,903	29·07	31·97	
3,250	1,251	486	1,737	1,217	676	1,893	26·13	22·21	
150	38	42	80	18	48	66	25·67	18·39	
1,800	513	239	752	589	274	863	26·21	21·06	
2,000	485	146	631	860	129	989	29·68	23·36	
141,480	41,278	4,815	46,093	42,456	7,709	50,165			
5,100	524	1,313	1,837	1,716	1,757	3,473	24·51	15·34	
...	...	...	...	...	...	...	...	...	
9,837	805	1,080	1,885	1,275	1,250	2,525	40·94	24·68	
2,367	301	531	832	808	373	1,181	18·48	16·68	
2,433	53	140	193	339	323	662	28·64	16·31	
1,000	26	705	731	446	671	1,117	26·73	10·52	
15,310†	386	443	829	317	336	653	39·96	31·51	† Area for the whole project.
	246	1,230	1,476	900	1,174	2,074	32·04	16·15	
	284	971	1,255	645	1,278	1,923	32·04	16·15	
36,047	2,625	6,413	9,038	6,446	7,162	13,608			
33,501†	3,783	10,194	13,977	5,443	7,414	12,857	32·04	16·15	
	878	1,416	2,294	2,209	2,666	4,875	32·04	16·15	
24,656	1,255	1,023	2,278	2,042	1,588	3,630	43·44	24·05	
11,280	68	228	296	593	248	841	32·83	26·29	
14,763	...	...	...	816	993	1,809	43·44	24·05	
12,124	14	788	802	139	641	780	41·46	34·04	
96,324	5,998	13,649	19,647	11,242	13,550	24,792			
24,300	2,188	2,271	4,459	3,686	2,080	5,766	47·69	23·91	
16,941	1,187	242	1,429	1,770	614	2,384	45·66	33·49	
1,050	69	362	431	86	422	508	40·48	23·97	
11,780	1,014	1,490	2,504	1,217	1,039	2,256	34·32	26·78	
2,500	26	859	885	136	1,016	1,152	47·89	35·89	
56,571	4,484	5,224	9,708	6,895	5,171	12,066			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.		Culturable area commanded by the Irrigation Works in Column 6 in Acres.
	Total area in Acres.	Culturable area in Acres.	Cultivated area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
				5	Mhaswad Tank	3,814
				15	Krishna Canal	26,453
				33	Revári „	3,624
Sátára	3,135,080	2,356,866	2,352,130	34	Upper Mán River Works	7,623
				35	Yerla River Irrigation Works ...	10,680
				36	Chikhli Canal	1,478
				37	Maini Tank	4,625
					Total ...	58,297
Bijápur	3,652,827	3,283,103	2,909,272	38	Muchkundi Tank	5,417
Belgaum ...	2,952,389	2,270,256	1,784,066	39	Gadikeri Tank	Not known.
				40	Gokák Canal, 1st Section and Storage Works	17,627
					Total ...	17,627
				41	Dámbal Tank	2,500
				42	Medleri „	830
Dhárwár ...	2,946,965	2,459,031	2,212,225	43	Madag „	1,345
				44	Asundi „	1,011
				45	Dharma Canal	12,870
					Total ...	18,556
Kánara	2,525,909	380,979	339,058	45	Mávinkop Tank	755
	40,459,682	28,971,538	25,706,276		Grand Total ...	1,043,564

IV-E—*concluded.*

Area at present estimated as annually irrigable by the works specified in Column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1916-17.			1917-18.			1916-17.	1917-18.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	
500	116	269	387	127	141	268	47·26	22·06	
12,320	2,846	553	3,399	2,914	590	3,504	27·96	22·45	
1,920	218	652	870	242	479	721	30·34	22·25	
2,080	169	530	699	464	388	852	27·86	13·98	
5,480	337	2,139	2,476	846	2,194	3,040	30·47	17·67	
1,478	121	72	193	228	65	293	28·51	17·92	
4,625	68	1,431	1,499	447	1,386	1,833	46·58	20·29	
28,403	3,877	5,646	9,523	5,268	5,243	10,511			
750	...	...	...	...	...	...	36·67	18·25	
417	377*	...	377*	377*	...	377*	22·67	29·20	
17,627	3,100	1,136	4,236	4,795	1,746	6,541	32·23	20·20	
18,044	3,100 377*	1,136	4,236 377*	4,795 377*	1,746	6,541 377*			
1,000	90	16 144*	106 144*	99 144*	54 ...	153 144*	26·20	25·00	
600	36	14	50	72	1	73	21·94	27·74	
1,345	330	240	570	331	256	587	23·76	29·24	
1,011	101	51 190*	152 190*	90	40 190*	130 190*	23·76	26·01	
12,870	508 7,504*	... 357*	508 7,861*	627 7,504*	... 357*	627 7,861*	33·71	72·64	
16,826	1,065 7,504*	321 691*	1,386 8,195*	1,219 7,648*	351 547*	1,570 8,195*			
617	587*	...	587*	388*	...	388*	No rain-gauge.		
448,804	70,707 9,926*	40,049 1,044*	110,756 10,970*	89,747 9,608*	49,269 1,166*	139,016 10,774*			

* Area under consolidated assessment.

STATEMENT F.

Statement showing the Operation of Irrigation Works in the Bombay Presidency, excluding Sind, for the year 1917-1918.

No.	Names of Works.	Amount due, 1917-1918.		Remissions.		Total.		Grand Total.	Remarks.
		Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.		
1	2	3	4	5	6	7	8	9	10
	Major Works.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	Protective Works.								
1	Pravara River Works—Pravara Right Bank Canal	8,653	6,081	...	...	8,653	6,081	14,734	
2	Chankapur Tank—Girna Left Bank Canal	6,936	10,601	...	...	6,936	10,601	17,537	
3	Lake Beale	747	766	...	...	747	766	1,513	
	Godavari Right Bank Canal ...	1,44,520	44,029	...	...	1,44,520	44,029	1,88,549	
	Godavari Left Bank Canal ...	76,417	20,152	...	...	76,417	20,152	96,569	
4	Nira Canal and Shetphal Tank combined	4,07,912	31,855	...	...	4,07,912	31,855	4,39,767	
5	Mhasvad Tank	19,726	13,983	7	...	19,719	13,983	33,702	
	Total ...	6,64,911	1,27,467	7	...	6,64,904	1,27,467	7,92,371	
	Productive Works.								
9	Háthmati and Khari Cut Canals combined	67,160	15,203	*4+4,874†	*3	62,282	15,199	77,481	* Himayat realized along with land revenue.
10	Lower Pánjhra River Works ...	6,710	5,432	...	...	6,710	5,432	12,142	† Remissions of Rs. 9 had to be given on account of the mistakes made in measuring and Rs. 1,017 on account of the failure of the crops, owing to the Submergence of land. The balance of Rs. 3,848, includes Rs. 118 for remission to be granted for Kharif season of 1916-17, sanctioned in August 1917, and Rs. 3,730 on account of Himayat realized along with land revenue.
11	Kádva River Works. Wághad Tank ...	...	...	...	...	...	...	...	
	Pálkhed Canal ...	11,326	6,946	...	...	11,326	6,946	18,272	
	Ojhar Támbat Canal	7,127	2,244	...	...	7,127	2,244	9,371	
	Wadáli Canal ...	3,230	1,927	...	...	3,230	1,927	5,157	
12	Pravara River Works—Lákh Canal	739	517	...	...	739	517	1,256	
13	Mutha Canals and Mátoba Tank combined	2,22,733	9,081	31	...	2,22,702	9,081	‡2,31,783	‡ In addition to this Rs. 1,82,745 were due from Poona water supply for this year. The Poona water supply revenue is creditable to Mutha Canals.
14	Ekrúk Tank	19,051	4,607	...	...	19,051	4,607	23,658	
15	Krishna Canal	67,710	2,779	...	...	67,710	2,779	70,489	
	Total ...	4,05,786	48,735	4,909	3	4,00,877	48,732	4,49,609	
	Total, Major Works ...	10,70,697	1,76,202	4,916	3	10,65,781	1,76,199	12,41,980	
	Minor Works and Navigation.								
16	Wangroli Tank	329	730	*1	...	328	730	1,058	
17	Tranza-Nagramma Tanks ...	...	59	...	...	...	59	59	
18	Savli Tank	363	78	...	...	363	78	441	
19	Sahiat do.	8	596	...	...	8	596	604	
20	Futelao do.	...	90	...	...	...	90	90	
21	Hartála do.	240	157	...	...	240	157	397	
22	Mhasva do.	68	449	...	...	68	449	517	
23	Jámda Canals	5,008	3,505	...	...	5,008	3,505	8,513	
24	Parsul Tank	1,375	4,157	...	...	1,375	4,157	5,532	
25	Pravara River Works—Pravara Left Bank Canal	1,779	3,257	...	...	1,779	3,257	5,036	
26	Bhátodi Tank	967	2,506	...	...	967	2,506	3,473	
27	Kásurdi do.	88	203	...	...	88	203	291	
28	Shirsuphal do.	2,365	1,000	...	...	2,365	1,000	3,365	
29	Bhádalvádi do.	3,972	495	...	...	3,972	495	4,467	
30	Koregaon do.	655	2,499	...	...	655	2,499	3,154	
31	Ashti do.	7,404	5,467	...	...	7,404	5,467	12,871	
32	Páthri do.	590	4,819	...	...	590	4,819	*5,409	
33	Revári Canal	2,855	2,121	72	21	2,783	2,100	4,883	
34	Upper Mán River Works ...	2,779	1,575	...	...	2,779	1,575	4,354	
35	Yerla River Irrigation Works ...	7,573	8,955	6	4	7,567	8,951	16,518	
36	Chikhli Canal	2,294	329	...	...	2,294	329	2,623	
37	Maini Tank	3,138	5,631	...	...	3,138	5,631	8,769	
38	Muchkundi Tank	...	...	...	...	...	...	...	
39	Gadikeri do.	...	...	...	...	...	...	...	
40	Gokák Canal, 1st Section, and Storage Works	24,893	8,893	...	...	24,893	8,893	33,786	
41	Dámbal Tank	735	217	...	...	735	217	952	
42	Medleri do.	620	4	...	...	620	4	624	
43	Madag do.	1,265	1,158	...	...	1,265	1,158	2,423	
44	Asundi do.	439	238	...	...	439	238	677	
45	Mávinkop do.	...	...	...	...	...	...	...	
46	Dharma Canal	3,582	...	...	...	3,582	...	3,582	
	Total, Minor Works ...	75,384	59,188	79	25	75,305	59,163	1,34,468	
	Grand Total ...	11,46,081	2,35,390	4,995	28	11,41,086	2,35,362	13,76,448	

STATEMENT I-F.

Statement showing water-rates per acre in force during 1917-1918 on Irrigation Works in the Bombay Presidency, excluding Sind.

No.	Names of Works.	Water-rates. Irrigation in blocks.	Perennial.	Early eight months.	Monsoon four months.	Rabi four months.	Hot weather.	Miscellaneous.	Single watering.	Occupier's rate.	Owner's rate.	Water advantage.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs.	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.				
	MAJOR WORKS.												
	Protective Works												
1	Pravara River Works—Pravara Right Bank Canal.(a) §	...	...	.....	2 0 0	3 0 0	4 0 0	.....	1 0 0				(a) Sanctioned till an assured supply of water can be given from the Reservoir at Bhandardara. *Vide* Government Resolutions No. A.I.—1902, dated 1st September 1910, No. A. 1-2596, dated 8th March 1913 and No. A.I.—10637, dated 2nd November 1917.
2	Girna Left Bank Canal.(b) §	...	14	8 0 0	3 0 0	5 0 0	6 0 0	.....	1 0 0 *2 0 0				(b) Rates sanctioned in Government Resolutions Nos. A.I.—1431 and 1964, dated 28th June 1910 and 4th October 1911 respectively.
3	Godavari Right Bank Canal (c) §	...	15 ‡22½	8 0 0 ‡12 0 0	3 0 0	5 0 0	7 0 0	.....	¶1 0 0 ‖2 0 0				(c) Sanctioned in Government Resolution No. A. I.—1526 of 26th July 1911. A uniform rate of Rs. 2 per acre has been sanctioned for lands let out for cultivation within the limits of the Lake Beale, *vide* G. R. No. A.I.—7200, dated 9th August 1912.
3	Godavari Left Bank Canal (cc) §	...	15 ‡22½	8 0 0 ‡12 0 0	3 0 0	5 0 0	7 0 0	.....	¶1 0 0 ‖2 0 0				(cc) Sanctioned in Government Resolution No. 4514 of 15th May 1912.
4	Nira Canal (d)	††16	A (35 45†)	8 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0				¶ From 15th June to 14th February for ordinary crops.
	Shetphal Tank (d) ...	...	B 30 † (15 22½‡)	‡12 0 0					*2 0 0				‖ From 15th February to 14th June for ordinary crops and for Sugarcane and Pan gardens throughout the whole year.
5	Mhasvad Tank § (e)... ...	...	13 D 14	7 0 0 D8 0 0	3 0 0	4 0 0 D5 0 0	6 0 0	.....	1 0 0				‡ Sanctioned for the period of 6 years from 15th February 1918, *vide* Government Resolution No. A.I.—6371, dated 27th June 1917.
	Productive Works.												(d) Sanctioned in Government Resolutions No. A.I.—2213, dated 15th October 1910, and No. W. I.—1012, dated 19th May 1911.
9	Hathmati Canal (m) ...	...	10	3 0 0	1 0 0	2 0 0	6 0 0	.....	.....				††*vide* also Government Resolution No. A.I.—879, dated 28th January 1918.
	Khari Cut (m)	...	14	7 0 0	1 0 0	5 0 0	6 0 0	.....	.....				(A) For Sugarcane. (B) For Pan-gardens. * For Sugarcane and Pan gardens. † For Perennial crops other than Sugarcane and Pan gardens.
10	Lower Panjhra River Works (f)	...	...	6 0 0	2 0 0	4 0 0	6 0 0	.....	1 0 0	Nil.	Nil.	Nil.	(e) These rates which were sanctioned in Government Resolution No. A.I.-235, dated 2nd February 1911 are to be in force till 15th February 1918, *vide* Government Order No. A.I.—7230, dated 12th July 1916.
11	Kadva River Works { Pálkhed Canal ... / Ojhár-Támbat Canal. / Wadáli Canal ... }	...	(g) { (i) 20 (ii) 14 }	6 0 0	2 0 0	4 0 0	6 0 0	.....	2 0 0				D. These rates are to be in force from 15th February 1918 *vide* Government Order No. A.I.—1576, dated 12th February 1918.
			(g) { * 26 † 13 }	7 0 0	2 0 0	5 0 0	6 0 0	.....	2 0 0				(m) Rates sanctioned until further orders, *vide* Government Resolution No. 156A.I.—1112, dated 12th July 1894.
12	Pravara River Works—Lakh Canal (h)	...	8	4 0 0	0 8 0	2 0 0	4 0 0	.....	.....				(f) In force for 5 years ending 31st March 1921, *vide* Government Resolution No. A.I.—7053, dated 7th July 1916.
	Mutha Canals and Matoba Tank (z) Sugarcane under the Mutha Canal within the Poona City and Suburban Municipality and Cantonment limits or within one mile of those limits.		50										(g) Rates for leased areas to be in force till 15th February 1918 on which date the leases will expire, *vide* Government Resolution No. A.I.—4194, dated 7th April 1914.
13	Sugarcane on all remaining land commanded by both the canals.	...	40 ‡45	8 0 0 ‡12 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0 *2 0 0				(i) For the whole year. (ii) For crops irrigated by canal water during the monsoon and rabi seasons and by wells during the hot weather.
	Sugarcane under the Matoba Tank.		30 ‡45										(y) Rates for areas outside leased areas to be in force for 5 years ending 15th June 1919, and these rates will also apply to the leased areas on expiry of the present leases till 15th June 1919.
	Pán gardens		30 ‡45										(h) Sanctioned in Government Resolution No. A.I.—5237, dated 7th May 1914, and will be in force till 31st March 1918 unless water from Lake Arthur Hill is available before then.
	Perennial crops other than Sugarcane and Pan gardens.		15 ‡22½										(z) Rates sanctioned for 10 years from 16th February 1911 to 15th February 1921, *vide* Government Resolution No. A.I.—2213, dated 15th October 1910. The sanctioned rates were, however, revised with effect from 15th February 1918, *vide* Government Resolution No. A.I.—6371, dated 27th June 1917.
14	Ekrúk Tank (x) § ...	...	15	8 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0				(x) In force till 15th February 1919, *vide* Government Orders No. A.I.—2415, dated 20th February 1918 and No. A.I.—6109, dated 19th June 1917.
15	Krishna Canal (n) ...	...	15† 30*	8 0 0	3 0 0	5 0 0	7 0 0	.....	1 0 0 *2 0 0				(n) Sanctioned for a term of 10 years or up to 15th June 1920, *vide* Government Resolution No. A. I.—2395, dated 14th November 1910.
	MINOR WORKS AND NAVIGATION.												(o) Rates sanctioned in Government Resolution No. A.I.—1939, dated 6th September 1910, are continued up to 15th June 1920, *vide* Government Order No. A.I.—9000, dated 14th September 1917.
16	Wangroli Tank (o) ...	...	...	6 8 0	2 8 0	4 0 0	6 0 0	For rice 4 0 0	1 8 0				(p) Rates sanctioned in Government Resolution No. A.I.—1128, dated 13th May 1910 are continued up to 31st July 1920, *vide* Government Resolution No. A. I.—10155, dated 14th September 1915.
17	Tranza-Nagramma Tanks(p)	...	...	6 0 0	2 0 0	4 0 0	6 0 0	For rice 4 0 0	1 0 0				(q) Rates sanctioned in Government Resolution No. A.I.—1335, dated 14th June 1910 are continued up to 15th June 1920, *vide* Government Resolution No. A. I.—287, dated 10th January 1916.
18	Savali Tank (q)	...	...	8 0 0	4 0 0	4 0 0	6 0 0	.....	1 0 0				

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.
(4) Water rate for non-irrigational purposes should not be less than Re 1 per 10,000 cubic feet, *vide* Government Resolutions No. A.I.—879, dated 28th January 1913 and No. A.I.-7604, dated 21st July 1916.
(5) Rs. 2 per acre to be charged for single watering given to those who are not regular irrigators or holders of rabi-leases *vide* Government Resolution No. A.I.—1759, dated 5 July 1916 and Government Order No. A.I.—2525, dated 3rd March 1916.

§ For Sugarcane and Pán gardens double the ordinary rates are charged.

STATEMENT I-F—*concluded.*

No.	Names of Works.	Water-rates. Irrigation in blocks.	Perennial.	Early eight months.	Monsoon four months.	Rabi four months.	Hot weather.	Miscellaneous.	Single watering.	Occupier's rate.	Owner's rate.	Water advantage.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
	MINOR WORKS AND NAVIGATION—*concluded.*		Rs. a.	Rs. a. p.	Rs. a. p.	Rs. a.	Rs. a.	Rs. a. p.	Rs. a. p.				
19	Sahiat Tank (*r*) ...	...	...	6 8 0	2 8 0	4 0	6 0	For rice 4 0 0	1 8 0				(*r*) Rates Sanctioned in Government Resolution No. A. I.—309, dated 15th February 1911, are to be in force up to 31st March 1923, *vide* Government Order No. A.I.—6451, dated 25th June 1918.
20	Futelao Tank (*x*)†† ...	...	...	...	2 0 0	(G)3 0 (H)2 0	Provisional 8 0	For rice up to end of October. 4 0 0	(K) 1 0 0				(*x*) Rates sanctioned for a period of 4 years ending 31st March 1921, *vide* Government Order No. A.I.—9945, dated 12th October 1917. (G) For ordinary Rabi. (H) For restorative crops grown after rabi. (K) In either Kharif or rabi season.
21	Hartála Tank (*i*)‡ ...	...	8 0	4 0 0	2 0 0	2 0	4 0	.....	1 0 0 †2 0 0				†† The tank is to be managed specially for Kharif and rabi irrigation, but if water is supplied for sugarcane and perennial crops in the Kharif and Rabi seasons double the ordinary rates *viz.* Rs. 4 and 6 per acre respectively will be charged.
22	Mhasva Tank (*i*)‡ ...	...	8 0	4 0 0	2 0 0	2 0	4 0	.....	1 0 0 †2 0 0				(*i*) Sanctioned for a period of 3 years ending 31st March 1919, *vide* Government Resolution No. A.I.—5180, dated 19th May 1916.
23	Jámda Canals (*i*)‡ ...	...	10 0	5 0 0	2 0 0	3 0	5 0	.....	1 0 0 †2 0 0				‡ Sugarcane and pan gardens to be charged double the seasonal rates except that the perennial rates for these crops should be Rs. 12 on Hartala and Mhaswa tanks and Rs. 16 for Jamda canals.
24	Parsul Tank (*j*) ...	...	...	7 0 0	2 0 0	5 0	8 0	.....	1 0 0				(*j*) Rates sanctioned in Government Resolution No. A.I.—1754, dated 10th August 1910, up to 14th June 1921. Water is not to be reserved for perennial Irrigation.
25	Pravara River Works—Pravara Left Bank Canal. (*k*)	...	...	5 0 0	2 0 0	3 0	4 0	.....	1 0 0				(*k*) Sanctioned in Government Resolutions No. A.I.—1460, dated 9th June 1909, and No. A.I.—2051, dated 24th August 1909. In force until an improved supply is provided by the storage work of the Pravara River project.
26	Bhátodi Tank(*l*) ...	...	(i) 14 8	6 8 0	2 8 0	4 0	8 0	.....	1 0 0				(*l*) In force till 15th October 1920, *vide* Government Resolution No. A.I.—13135, dated 28th November 1914. Half the usual rates are charged for irrigation from water flowing down the waste-weir of this tank *vide* Government Order No. A.I.—10592, dated 2nd November 1917.
27	Kásurdi do. § (*d*) ...	...	...	6 8 0	2 8 0	4 0	6 0	.....	1 0 0 †2 0 0				(i) For the whole year.
28	Shirsuphal do. § (*d*) ...	...	...	6 8 0	2 8 0	4 0	6 0	.....	1 0 0 †2 0 0				(*d*) Rates sanctioned for 10 years from 16th February 1911 to 15th February 1921, *vide* Government Resolution No. A. I.—2215, dated 15th October 1910.
29	Bhádalvádi do. §(*d*) ...	...	...	6 8 0	2 8 0	4 0	6 0	.....	1 0 0 †2 0 0				† For Sugarcane and Pan gardens.
30	Koregaon do. §(*e*) ...	...	13 0	7 0 0	3 0 0	4 0	6 0	.....	1 0 0				(*e*) In force till 15th February1919, *vide* Government Resolutions No.A.I.—2415, dated 29th February 1916, and No. A.I.—6109, dated 19th June 1917.
31	Ashti do. §(*e*) ...	...	13 0	7 0 0	3 0 0	4 0	6 0	.....	1 0 0				
32	Páthri do. §(*e*) ...	...	13 0	7 0 0	3 0 0	4 0	6 0	.....	1 0 0				
33	Revári Canal (*s*) ...	...	*12 0 †24 0	6 0 0	2 0 0	4 0	6 0	.....	1 0 0 †2 0 0				(*s*) Sanctioned for a term of 10 years or up to 15th June 1920, *vide* Government Resolution No. A.I.—2395 of 14th November 1910.
34	Upper Man River Works (*s*)	...	*12 0 †24 0	6 0 0	2 0 0	4 0	6 0	.....	1 0 0 †2 0 0	Nil.	Nil.	Nil.	* For Perennial crops other than Sugarcane and Pan gardens.
35	Yerla River Irrigation Works (*s*)	...	*12 0 †24 0	6 0 0	2 0 0	4 0	6 0	.....	1 0 0 †2 0 0				(*t*) In force from 1st October 1913 as per Government Resolution No.A.I.—3685, dated 27th March 1914, for a term of 5 years. Water is allowed free of charge for non-perennial crops for the same period.
36	Chikhli Canal (*s*) ...	...	*12 0 †24 0	6 0	2 0 0	4 0	6 0	.....	1 0 0 †2 0 0				(*u*) Sanctioned for a period of 5 years from 1st April 1915 to 31st March 1920, *vide* Government Resolution No. A.I.—6068 of 26th May 1915.
37	Maini Tank (*s*) ...	...	*12 0 †24 0	6 0 0	2 0 0	4 0	6 0	.....	1 0 0 †2 0 0				(i) For the whole year.
38	Muchkundi Tank (*t*) ...	...	8 0	4 0 0	.....	...	...	.....	.....				(ii) For sugarcane irrigated between 15th June and 14th February.
39	Gadikeri do ...	...	...	.....	.....	...	...	.....	.....				
40	Gokak Canal, 1st Section, and Storage Works (*u*)	...	(i) 22 0 (ii)16 0	8 0 0	3 0 0	5 0	15 0	.....	1 0 0				(*v*) Sanctioned for a period of 5 years from 1st April 1915 to 31st March 1920, *vide* Government Resolution No. A.I.—5425 of 8th May 1915.
41	Dambal Tank(*v*) ...	...	¶14 0	*a*5 0 0 *b*7 0 0	*e* 3 8 0	*c* 3 8 *d* 4 0	*f* 6 0	.....	*e* 1 0 0 *g* 2 0 0				¶ For Sugarcane, Betal-leaf, Cocoanut trees, &c., &c.
42	Medleri do.(*v*) ...	...	¶14 0	*a*5 0 0 *b*7 0 0	*e* 3 8 0	*c* 3 8 *d* 4 0	*f* 6 0	.....	*e* 1 0 0 *g* 2 0 0				*a* From 15th June to 15th February.
43	Madag do.(*v*) ...	...	¶10 0	*a*5 0 0 *b*7 0 0	*e* 3 8 0	*c* 3 8 *d* 4 0	*f* 6 0	.....	*e* 1 0 0 *g* 2 0 0				*b* „ 15th October to 15th June or 1st August to 31st March. *e* „ 15th June to 15th October or 15th July to 30th November. *d* „ 15th October to 15th February. *e* „ 15th June to 15th October. *g* „ 16th October to 14th June. *f* „ 15th February to 15th June.
44	Asundi do.(*v*) ...	...	¶14 0	*a*5 0 0 *b*7 0 0	*e* 3 8 0	*c* 3 8 *d* 4 0	*f* 6 0	.....	*e* 1 0 0 *g* 2 0 0				
45	Mávinkop do. ...	...	...	.....	.....	...	...	.....	.....				
46	Dharma Canal (*w*) ...	...	14 0	*a*5 0 0 *b*7 0 0	*e* 3 8 0	*c* 3 8 *d* 4 0	*f* 6 0	.....	*e* 1 0 0 *g* 2 0 0				*w* Rates sanctioned for 5 years, in Government Resolution No. A.I.—3962 of 10th April 1913, were to continue till 31st March 1918, *vide* Government Order No. A.I.—7353, dated 25th July 1917.

Note—(1) For lift irrigation half the ordinary rates are charged.
(2) Double the ordinary rates are charged as penal rates for taking water without permission.
(3) Leakage or percolation rates are the same as ordinary rates.
(4) Water rate for non-irrigational purposes should not be less than Re. 1 per 10,000 cubic feet, *vide* Government Resolutions No. A. I.—879, dated 28th January 1913, and No. A.I.—7694, dated 21st July 1916.
(5) Rs. 2 per acre to be charged for single watering given to those who are not regular irrigators or holders of rabi leases *vide* Government Resolution No. A.I.—1759, dated 5th July 1906, and Government Order No. A.I.—2525, dated 3rd March 1916.

§ For Sugarcane and Pán gardens double the ordinary rates are charged.

STATEMENT G.

STATEMENT

Statement showing Areas and Water-rate Assessments in the Bombay Presidency, fixing the Scale

No.	Names of Works.	Irrigation in Blocks.		Perennial.		8 Months.		Monsoon—4 Months.		Rabi—4 Months.	
		Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.
	Major Works.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	Acres.	Rs.
	Protective Works.										
1	Pravara River Works—Pravara Right Bank Canal	...	...	1,714	9,729	211	581	449	893	1,325	3,424
2	Chankapur Tank—Girna Left Bank Canal	...	...	133	3,387	115	642	1,112	2,756	2,033	8,740
3	Lake Beale	...	...	...	...	...	...	...	...	...	...
	Godavari Right Bank Canal	4,476	1,36,370	285	4,633	1,474	4,377	8,525	42,345		
	Godavari Left Bank Canal	...	...	2,289	74,547	153	1,058	313	979	4,001	19,754
4	Nira Canal including Shetphal Tank.	14,885	2,38,160	5,757	1,34,571	1,799	14,392	4,103	12,309	7,694	39,470
5	Mhasvad Tank	...	...	408	8,352	503	3,261	2,455	7,370	2,423	10,770
	Total	14,885	2,38,160	14,777	3,66,856	3,066	24,597	9,906	28,684	25,901	1,24,503
	Average rate	...	16·00	...	24·83	...	8·02	...	2·90	...	4·81
	Productive Works.										
9	Hathmati and Khari Cut Canals combined	...	...	132	697	1,011	3,038	9,097	63,732	5,728	14,693
10	Lower Pánjhra River Works	...	...	41	443	87	346	10	19	724	2,935
11	Kádva River Works. Wághad Tank	...	...	...	...	...	...	...	...	...	...
	Pálkhed Canal	...	...	320	6,540	849	4,969	268	581	970	4,468
	Ojhár Támbat Canal	...	...	204	4,571	353	2,105	288	619	247	1,157
	Wadáli Canal	...	...	106	2,306	143	879	130	268	265	1,393
12	Pravara River Works—Lákh Canal	...	...	44	222	11	37	421	256	360	721
13	Mutha Canals, including Mátoba Tank. Within the Poona City, Suburban Municipal and Cantonment limits or within one mile of those limits	...	...	1,301	38,383	1,530	12,240	2,172	6,516	2,454	12,270
	On all the remaining land commanded by both Canals	...	...	5,354	1,42,400						
	'Pán' gardens wherever situated throughout the Canals	...	...	8	240						
	All lands commanded by both canals	...	...	6,663	1,81,023						
	Mátoba Tank	...	...	418	12,540						
14	Ekrúk Tank	...	...	469	13,241	186	1,494	902	2,838	614	4,607
15	Krishna Canal	...	...	2,16	62,886	673	4,477	30	100	574	2,619
	Total	...	...	10,559	2,84,469	4,813	29,585	13,318	74,929	11,936	44,863
	Average rate	...	...	...	26·94	...	6·11	...	5·63	...	3·76
	Minor Works and Navigation.										
16	Wangroli Tank	...	...	...	...	...	...	83	329	200	730
17	Tranza-Nagramma Tanks	...	...	...	...	...	...	...	...	30	59
18	Savli Tank	...	...	...	...	...	...	91	363	29	78
19	Sahiat do.	...	...	...	...	...	...	2	8	146	596
20	Futelao do.	...	...	...	...	...	...	...	...	45	90
21	Hartála do.	...	...	24	221	2	13	...	...	69	138
22	Mhasva do.	...	...	13	70	1	2	...	...	165	411
23	Jámda Canals	...	...	564	5,303	...	...	19	39	860	2,949
24	Parsul Tank	...	...	19	194	38	260	232	521	779	3,620
25	Pravara River Works—Pravara Left Bank Canal	...	...	408	1,460	129	157	390	816	882	2,603
26	Bhátodi Tank	...	...	...	...	110	764	18	62	643	2,511
27	Kásurdi do.	...	...	6	69	...	...	12	30	48	192
28	Shirsuphal do.	...	...	22	130	51	331	130	325	633	2,552
29	Bhádalvádi do.	...	...	51	603	108	702	72	180	788	2,952
30	Koregaon do.	...	...	...	...	83	581	11	33	414	2,540
31	Ashti do.	...	...	143	3,034	308	1,761	742	2,290	1,039	5,612
32	Páthri do.	...	...	1	32	56	395	85	255	1,010	4,737
33	Revári do.	...	...	88	2,217	60	416	90	224	463	1,886
34	Upper Mán River Works	...	...	64	1,736	24	165	509	1,580	215	912
35	Yerla River Irrigation Works	...	...	239	5,415	90	307	232	3,724	1,765	7,030
36	Chikhli Canal	...	...	69	1,763	93	436	66	132	61	275
37	Maini Tank	...	...	92	2,058	17	118	303	611	1,380	5,749
38	Muchkundi do.	...	...	...	...	...	...	...	...	...	...
39	Gadikeri do.	...	...	...	...	...	...	...	...	...	...
40	Gokák Canal, 1st Section and Storage Works	...	...	317	6,539	1,103	8,848	2,797	8,375	1,736	8,807
41	Dámbal Tank	...	...	37	473	...	...	62	262	54	217
42	Medleri do.	...	...	34	476	...	...	38	144	1	4
43	Madag do.	...	...	10	103	38	261	320	1,156	219	902
44	Asundi do.	...	...	64	334	28	180	24	97	14	66
45	Mávinkop do.	...	...	...	...	...	...	...	...	...	...
46	Dharma Canal	...	...	...	...	...	...	627	3,582	...	...
	Total	...	...	2,265	32,020	2,339	15,687	7,655	25,138	13,638	58,248
	Average rate	...	...	...	14·14	...	6·71	...	3·28	...	4·27
	Grand Total	14,885	2,38,160	27,601	6,83,345	10,248	69,869	30,879	1,28,751	51,475	2,27,614
	Average rate	...	16·00	...	24·76	...	6·82	...	4·17	...	4·42

Note.—The difference between the figures of total areas and assessments in this Statement and those in Statements I—E to IV—E is hypothetical and are arrived at on the assumption that

G.

excluding Sind, during 1917-1918, according to the system of classification adopted in of Water-rates.

Hot Weather.		Miscellaneous.		Grand Total.		Remarks.
Areas.	Assessment.	Areas.	Assessment.	Areas.	Assessment.	
Acres.	Rs.	Acres.	Rs.	Acres.	Rs.	
31	107	...	...	3,630	14,734	
32	252	48	1,860	3,473	17,537	
...	...	653	1,510	653*	1,510	* This represents the area in the basin of Lake Beale let out for cultivation.
171	884	...	...	14,931	1,68,609	
42	201	...	...	6,798	96,569	
57	399	156	468	34,451	4,39,749	
86	683	159	336 2,923†	6,034	33,695	† This addition is for the difference between the amounts of water rates charged according to the areas actually watered and the amount to be recovered from irrigators according to the areas they based out.
419	2,526	1,016	7,097	69,970	7,92,423	
...	6·03	...	6·99	...	11·33	
...	...	146	148	16,114	82,308§	§ Rs. 4,879 in Kharif and Rs. 3 in Rabi have had to be remitted partly on account of himayat and partly owing to the submergence of land due to excessive and untimely rain and mistakes made in measurements.
8	51	...	...	(i) 870	3,794†	
...	...	...	...	...	...	
40	239	78	1,475	2,525	18,272	(i) Exclusive of 1,814 acres of *mamul* Bágáyat area.
18	115	71	804	1,181	9,371	(ii) Exclusive of Rs. 8,349 on account of enhanced water rates on old works.
6	37	12	274	662	5,[illegible]57	
5	20	...	...	841	1,256	
84	588	475	1,425	13,796	2,26,602	
210	1,474	3	4	2,384	23,658	
24	150	41	248	3,504	70,489	
395	2,688	826	4,378	41,877	4,40,907	
...	6·79	...	5·30	...	10·53	
...	...	...	...	283	1,059	
...	...	...	...	30	59	
...	...	...	...	120	441	
...	...	...	...	148	604	
...	...	...	...	45	90	
6	25	...	...	101	397	
1	4	...	...	180	517	
41	221	...	...	1,484	8,512	
37	335	12	602	1,117	5,532	
...	...	...	...	1,8[illegible]9	5,03[illegible]	
9	136	...	...	780	3,4[illegible]3	
...	...	...	...	66	291	
...	...	27	27	863	3,365	
...	...	20	30	989	4,467	
...	...	...	...	508	3,154	
24	174	...	...	2,256	12,871	
...	...	...	...	1,152	5,409	
20	140	...	...	721	4,883	
40	161	...	...	852	4,254	
5	11	9	42	3,040	16,519	
...	...	4	17	293	2,623	
38	224	3	9	1,833	8,769	
...	...	...	...	...	...	
...	...	...	...	...	...	
85	679	503	538	6,541	33,786	
...	...	...	...	153	952	
...	...	...	...	73	624	
...	...	...	...	587	2,422	
...	...	...	...	130	677	
...	...	...	...	...	...	
...	...	...	...	627	3,582	
306	2,110	578	1,205	26,781	1,34,468	
...	6·90	...	2·19	...	5·02	
1,120	7,319	2,420	12,740	1,38,628	13,67,798	
...	6·53	...	5·26	...	9·87	

due to difference in treatment of fractions in some cases, and in others to the fact that the figures in this Statement are more or less certain areas are assessed at certain rates.

STATEMENT

Statement showing operations of the year 1917-1918

No.	Names of Works.	Amount of Estimate, Direct and Indirect.	Capital Outlay, Direct and Indirect.		Length of		Area under Command.	
			During 1917-1918.	To end of 1917-1918.	Canal.	Distributaries.	Gross.	Irrigable at present.
1	2	3	4	5	6	7	8	9
	Major Works.	Rs.	Rs.	Rs.	Miles.	Miles.	Acres.	Acres.
	Protective Works.							
1	Pravara River Works—Pravara Right Bank Canal	1,16,70,592	8,26,791	75,81,249	33	13	73,763	24,656
2	Chankápur Tank—Girna Left Bank Canal	20,19,839	14,890	19,17,079	13·11	9·93	18,982	5,100
3	Darna Dam; Godávari Right Bank Canal; Godávari Left Bank Canal	1,00,39,268	42,005	1,00,50,902	70½ 48	48 9·46	144,310 88,080	49,331 30,109
4	Nira Canal, including Shetphal Tank	*89,49,307 * 8,06,034	52,006 ...	65,27,589	100·25 6·54	139	274,447	117,480
5	Mhasvad Tank	*27,84,491	...	20,96,016	66·25	43·36	129,045	24,800
	Total	3,62,60,531	9,35,692	2,81,72,835	337·65	262·75	728,627	251,476
	Productive Works.							
9	Háthmati and Khári Cut Canals combined	7,62,392 6,10,329	...	13,15,973	21 39	30 27	44,744 32,000	8,000 16,000
10	Lower Pánjhra River Works	*7,04,681	...	4,68,621	...	45	13,117	12,627
11	Kádva River Works: Wághad Tank; Pálkhed Canal; Ojhar Támbat Canal; Wadali Canal	*7,01,730 *4,66,402 *17,785 *63,461	...	10,34,191	... 11 4·50 8·62	... 14·36	... 28,832 8,055 3,486	... 9,837 2,367 2,433
12	Pravara River Works—Lákh Canal	*7,60,764	...	3,71,891	23	9·37	29,913	11,280
13	Mutha Canals, including Mátoba Tank.	* 1,23,73,762 2,10,500	—4,739	79,15,498	88	67 17	94,087 10,700	16,800 3,250
14	Ekruk Tank	21,35,580	...	13,40,386	48	1·68	17,152	16,941
15	Krishna Canal	16,60,896	17	9,44,459	63·87	...	28,327	12,320
	Total	2,04,68,282	—4,722	1,33,91,019	306·99	211·41	310,413	111,855
	Total, Major Works	5,67,37,813	9,30,970	4,15,63,854	644·64	474·16	10,39,040	363,331
	Minor Works and Navigation.							
16	Wángroli Tank	2,48,544	1,865	2,90,930	13·79	...	5,000	3,400
17	Tránza-Nagrámma Tanks	3,12,734	...	2,80,635	7·60	...	1,500	800
18	Sávli Tank	2,49,222	...	2,55,210	8·35	1·32	4,700	3,000
19	Sahiat do.	1,86,782	...	1,84,029	9·25	0·85	4,000	2,000
20	Futelao do.	1,10,785	...	1,16,461	3·99	...	1,500	800
21	Hartála do.	75,040	...	73,382	...	5·50	584	415
22	Mhasva do.	1,40,015	...	1,38,956	...	7·00	4,647	1,700
23	Jámda Canals	10,88,640	...	10,41,089	39	75·00	46,288	5,000
24	Parsul Tank	2,23,612	...	2,14,995	...	4·75	3,337	1,000
25	Pravara River Works—Pravara Left Bank Canal	3,48,211	...	3,47,550	19	21	23,724	14,763
26	Bhátodi Tank	3,78,278	...	3,79,707	4·50	5·50	15,126	12,124
27	Kásurdi do.	45,950	...	45,590	...	1·75	597	150
28	Shirsuphal do.	2,22,282	...	2,24,568	...	12·50	4,500	1,800
29	Bhádalvádi do.	2,28,724	...	2,27,422	...	9·75	3,000	2,000
30	Koregaon do.	42,049	...	39,189	3·75	...	2,394	1,050
31	Ashti do.	8,34,927	...	8,36,091	27·50	3·15	17,882	11,780
32	Páthri do.	6,72,856	...	6,42,846	4·66	3·33	5,000	2,500
33	Revári Canal	59,448	...	59,811	10·25	...	3,813	1,920
34	Upper Man River Works	4,44,531	...	4,39,286	17·50	6·50	8,443	2,080
35	Yerla River Irrigation Works	7,45,314	...	7,64,870	33·33	4·00	11,234	5,480
36	Chikhli Canal	57,415	...	57,442	6·50	...	1,871	1,478
37	Maini Tank	3,90,492	...	4,87,650	9·25	7·58	4,876	4,625
38	Muchkundi do.	1,68,420	...	1,58,707	5·50	2·25	5,570	750
39	Gadikeri do.	17,531	...	16,918	...	Irrigation channel.	687	417
40	Gokák Canal, 1st Section, and Storage works	15,40,882	...	13,81,922	16·13	35·43	18,668	17,627
41	Dambal Tank	64,906	...	63,980	...	3·27	3,000	1,000
42	Medleri do.	81,705	...	81,392	...	5·64	1,916	600
43	Madag do.	2,49,407	...	1,67,598	9·00	...	2,851	1,345
44	Asundi do.	80,485	...	74,995	...	4·86	1,800	1,011
45	Mávinkop do.	34,384	...	33,504	...	2·79	872	617
46	Dharma Canal	98,334	5,331	92,970	27·15	3·71	3,562	12,870
	Total, Minor Works	94,41,905	7,196	92,19,695	276·00	227·43	222,972	116,102
	Grand Total	6,61,79,718	9,38,166	5,07,83,549	920·64	701·59	1,262,012	479,433

H.

in the Bombay Presidency, excluding Sind.

Rainfall.	Discharge of Canal at head, cubic feet per second.	Area		Amount of gross Assessment.	Realizations.	Working Expenses.	Net Revenue.	Remarks.
		Applied for.	Irrigated.					
10	11	12	13.	14	15	16	17	18
Inches.		Acres.	Acres.	Rs.	Rs.	Rs.	Rs.	
24·05	104·47	5,625	3,630	15,771	13,535	28,949	—15,414	
15·34	35·71	3,760	3,473	17,839	7,600	24,168	—16,568	
16·15	237·69	653	653	2,93,197	2,16,775	1,46,910	69,865	
16·15	131·65	17,337	14,931					
		8,000	6,798					
24·21	302	Information not available	34,451	4,50,784	4,26,097	1,39,384	2,86,713	*Includes interest charges during construction.
28·68	24							
19·90	49·19	6,126	6,034	35,827	39,133	16,632	22,501	
...	.....	41,501	69,970	8,13,418	7,03,140	3,56,043	3,47,097	
47·23	127	4,565	5,644	85,186	33,194	46,049	—12,855	
49·53	76	7,996	10,470					
23·56	4·46	962	870	17,690	15,555	9,827	5,728	†Area under consolidated assessment.
			†1,814					
...	.....	...	...					
24·68	26·44	3,337	2,525	35,689	27,362	18,764	8,598	
16·68	6·56	1,392	1,181					
16·31	6·84	814	662					
26·29	22·66	1,200	541	2,167	1,803	2,642	—839	
31·97	169	Information not available	13,796	4,65,563	4,26,354	1,87,191	2,39,163	
22·21	5·36							
33·49	24·46	2,300	2,384	1,01,304	1,06,665	17,316	89,349	
22·45	55·25	5,734	3,504	73,158	51,971	17,518	34,453	
...	.....	28,300	41,877	7,80,757	6,62,904	2,99,307	3,63,597	
			†1,814					
...	.....	69,801	1,11,847	15,94,175	13,66,044	6,55,350	7,10,694	
			†1,814					
51·90	74·80	296	283	2,884	3,804	9,427	—5,623	
58·52	81·00	33	30	420	361	4,595	—4,234	
52·90	42·40	111	120	676	1,427	6,188	—4,761	
53·34	68·92	197	148	904	308	6,241	—5,933	
43·69	16·83	49	45	250	356	2,824	—2,468	
29·87	0·54	105	101	2,541	2,434	1,690	744	
26·24	1·28	304	180	1,222	1,247	1,925	—678	
28·98	48·15	1,750	1,484	14,657	11,238	14,970	—3,732	
10·52	2·85	...	1,117	5,573	5,121	3,762	1,359	
24·05	80·06	2,155	1,809	5,941	2,675	7,838	—5,163	
34·04	2·99	810	780	6,971	7,645	5,600	2,045	
18·39	.....	Information not available.	66	345	235	686	—451	
21·06	1·95		863	3,513	2,836	2,526	310	
23·36	1·25		989	4,527	4,591	2,967	1,624	
23·97	1·17	500	508	3,310	2,842	6,039	—3,197	
26·78	6·53	2,200	2,256	18,972	24,920	6,151	18,769	
35·89	2·04	1,100	1,152	5,593	5,388	1,984	3,404	
32·25	4·86	1,185	721	5,892	6,579	1,885	4,694	
13·98	5·64	1,250	852	4,497	5,400	2,233	3,167	
17·67	22·46	4,930	3,040	18,090	* 18,748	9,191	9,557	
17·92	7·38	607	293	2,651	2,197	888	1,309	
20·29	12·00	2,736	1,833	8,795	8,713	2,921	5,792	
18·25	.....	...	...	631	631	207	424	
29·20	.....	...	†377	2,061	2,061	344	1,717	
20·20	39·23	5,936	6,541	52,436	47,225	13,745	33,480	
25·00	2·35	221	153	2,211	1,588	900	688	
			†144					
27·74	4·17	94	73	854	1,034	832	202	
29·24	7·34	591	587	2,922	3,490	1,609	1,881	
26·01	3·77	157	130	1,457	1,529	920	609	
			†190					
No rain-gauge.	1·31	...	†388	2,244	2,244	644	1,600	
72·64	37·61	711	627	—1,350	—2,064	231	—2,295	
			†7,861					
...	.....	28,028	26,781	1,81,690	1,76,803	1,21,963	54,840	
			†8,960					
...	.....	97,289	1,38,628	7,75,865	15,42,847	7,77,313	7,65,534	
			†10,774					

STATISTICAL STATEMENTS

FOR

IRRIGATION WORKS, SIND,

FOR THE YEAR 1917-18.

STATEMENT

Statement of Canals in the Indus

	Major Works.			
	Begári Canals District.			
	Desert Canal.	Unhárwah.	Begári Canal.	Total.
1	2	3	4	5
Source of supply of water	River Indus.	River Indus.	Wadhu Dhand *ex* River Indus.	...
Minimum discharge of water. ... C. ft. per sec.	...	...	...	...
Maximum discharge of Canal „ „	4,980	2,535	7,850	...
Average annual rainfall ... ...Inches.	9·11	6·64	11·62	...
Gross area commanded ... ...Acres.	388,985	246,970	751,680	1,387,635
Culturable area commanded ... ... „	388,985	214,056	680,521	1,283,562
Area irrigable by complete project ... „	129,660	112,025	340,260	581,945
Area irrigable at present ... ... „	129,660	112,025	340,260	581,945
Sanctioned Estimate.				
Direct charges ... ... Rs.	26,55,351	7,68,050	24,69,981	58,93,382
Indirect charges ... ... „	80,019	20,780	64,606	1,65,405
Interest during construction... ... „	26,69,882	7,05,104	30,18,365	63,93,351
Total Estimate ... Rs.	54,05,252	14,93,934	55,52,952	1,24,52,138
Expenditure to end of 1917-1918.				
Direct charges ... ... Rs.	26,41,477	7,68,050	23,61,444	57,70,971
Indirect charges ... ... „	79,680	20,780	78,285	1,78,745
Interest during construction... ... „	26,69,882	7,05,104	30,18,365	63,93,351
Total Expenditure ... Rs.	53,91,039	14,93,934	54,58,094	1,23,43,067
Works as now sanctioned.				
Main Canals Irrigation ... ... Miles.	96	34	(*a*)78	208
Branch Canals ... ... „	171	82	114	367
Distributaries ... ... „	69	5	(*b*)52	126
Of above—				
Navigable Canals ... ... Miles.	4	...	58	62
Works completed at end of 1917-1918.				
Main Canals Irrigation ... ... Miles.	96	34	(*a*)78	208
Branch Canals ... ... „	171	82	114	367
Distributaries ... ... „	69	5	(*b*)52	126
Of above—				
Navigable Canals ... ... Miles.	4	...	58	62

(*a*) Two miles at head eroded away.

(*b*) New Feeder, length 2 miles excavated and the first two miles of Rajwah as wells as Budhwah abandoned + 2—1 = —2.

I-A.

Right Bank Division for 1917-1918.

	Minor Works for which Capital and Revenue Accounts are kept.			Minor Works for which only Revenue Accounts are kept.		
Shikárpur Canals District.	Ghár Canals District.		Karáchi Canals District.	Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.
Mahiwah.	Sukkur Canal.	Ghár Canal.	Sattah Canal.	Other Canals.	Other Canals.	Other Canals.
6	7	8	9	10	11	12
Gudu Dhand *ex* River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.	River Indus.
...	...	...	...	...	...	...
2,164	2,814	9,603	1,297	9,062	...	...
...	15·95	14·90	9·75	10·31	15·88	11·0
200,251	246,713	5,05,649	60,976	477,924	990,586	6,158,771
145,445	162,118	395,944	23,757	381,917	715,718	1,799,083
99,000	90,000	250,000	23,757	229,640	405,311	1,295,923
99,000	90,000	250,000	14,059	229,640	397,696	233,244
14,45,248	13,64,754	5,48,405	1,74,028	...	...	...
72,108	61,496	30,854	6,051	...	...	...
7,36,964	...	...	...	...	...	...
22,54,320	14,26,250	5,79,259	1,80,079	...	...	...
13,80,892	13,64,754	5,48,405	1,74,028	...	...	...
58,792	61,496	30,854	6,051	...	...	...
7,36,964	...	...	...	...	...	...
21,76,648	14,26,250	5,79,259	1,80,079	...	...	...
29	74	39	30	(*c*)180	(*d*)351	460
177	56	(*e*)119	6	96	313	462
87	...	144	...	...	16	...
...	...	103	4	...	267	164
29	74	39	30	(*c*)180	(*d*)351	460
177	56	(*e*)119	6	96	313	462
87	...	144	...	...	16	...
...	...	103	4	...	267	164

(*c*) Decrease due to erosion on new feeder (Sind Canal) Mile 1·13 and Auxiliary Feeder 1·03.

(*d*) Decrease of one Mile is due to erosion at Chariowah Head.

(*e*) The decrease in Mileage is due to new cut Fordwah, excavated in 1916, being disused.

STATEMENT

Statement of Canals in the Indus

	Major Works.								
	Jámrão Canal District.	Nasrat Canals District.			Eastern Nára District.				
	Jámrão Canal.	Dád Canal.*	Nasrat Canal.	Total.	New Supply Channel.	Eastern Nára.	Mithrão Canal.	Thar Canal.	Khipro Canal.
1	2	3	4	5	6	7	8	9	10
Source of supply of water	Eastern Nára.	Indus.	Indus.	...	Indus.	Nara Supply Channel.	Eastern Nára.	Eastern Nára.	Eastern Nára.
Minimum discharge of River ... C. ft. per second.	.....	(a) 28,083	(a) 28,083	...	(a) 28,083	...	...	...	...
Maximum discharge of Canal... „ „	3,020	3,927	2,595	...	...	...	2,800	1,400	200
Average annual rainfall ... ...Inches	14·78	17·83	8·4	...	...	14·14	12·51	17·33	16·80
Gross area commanded ... ... Acres.	870,850	682,297	383,700	10,65,997	151,400	790,010	437,411	158.039	35,743
Culturable area commanded ... ... „	792,106	393,007	310,440	703,447	25,000	501,589	406,675	136,000	33,745
Area irrigable annually by complete project . „	300,000	156,685	104,100	260,785	23,000	90,900	143,500	50,000	8,000
Area irrigable at present ... ... „	264,035	103,485	60,790	164,275	9,000	58,400	132,000	50,000	8,000
Sanctioned Estimate.									
Direct charges ... ... Rs.	89,07,194	26,65,672	18,66,071	45,31,743	...	...	...	...	...
Indirect charges ... ... „									
Interest during construction ... ... „	58,32,183	14,88,844	9,78,257	24,67,101	...	...	...	...	...
Total Estimate ... Rs.	1,47,39,377	41,54,516	28,44,328	69,98,844	...	...	...	...	...
Expenditure to end of 1917-1918.									
Direct charges ... ... Rs.	86,48,810	25,74,610	18,07,845	43,82,455	...	...	...	...	...
Indirect charges ... ... „	2,58,384	24,018	58,226	1,52,244	...	...	...	...	...
Interest during construction ... ... „	58,32,183	14,88,844	9,78,257	24,67,101	...	...	...	...	...
Total Expenditure .. Rs.	1,47,39,377	41,57,472	28,44,328	70,01,800	...	...	...	...	...
Works as now sanctioned.									
Main Canals Irrigation ... . Miles	117	96	97	193	12	(d) 320	97	24	38
Branch Canals ... ... „	63	193	95	288	...	...	49	48	5
Distributaries ...* ... ... „	457	(c) 158	118	276	...	31	42	2	...
Of the above—									
Navigable Canals .. .. Miles.	.....	...	...	...	12	320	92	...	...
Works completed at end of 1917-1918.									
Main Canals Irrigation ... ... Miles.	117	87	79	166	12	(d) 320	96	24	15
Branch Canals ... ... „	63	193	136	328	...	...	49	48	...
Distributaries ... ... „	457	(c) 129	69	198	...	...	41	2	...
Of the above—									
Navigable Canals ... ... Miles.	.....	...	...	...	12	320	92	...	...

* Includes figures for Ren Distributary ex Dád.
(a) Minimum discharge of Indus at Bukkur.
(b) Do. at Kotri.
(c) Includes 38 miles of Ren Distributary ex Dád.
(d) Practically a river.

I-A—*concluded.*

Left Bank Division for 1917-1918.

		Works for which Capital and Revenue Accounts are kept.							Works for which only Revenue Accounts are kept.		
		Hyderabad Canals District.				Fuleli Canals District.			Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.
Hiral Canal.	Total.	Alibahar Kacheri.	Great Marak.	Surfraz.	Total.	Fuleli Canal.	Hasanali Canal.	Total.	Total.	Total.	Total.
11	12	13	14	15	16	17	18	19	20	21	22
Eastern Nára.	.....	Indus.	Indus.	Indus.	...	Indus.	Indus.	...	Indus.	Indus.	Indus.
.....	.....	(a) 28,083	(a) 28,083	(a) 28,083	...	(b) 21,001	(b) 21,001	...	(a) 28,083	(a) 28,083	(b) 21,001
250	.....	1,658	3,049	1,082	...	12,000	1,000	...	...	...	...
17·42	.....	17·37	16·91	12·91	...	12·48	14·63	...	...	16·5	10·76
55,481	1,628,084	75,500	240,000	165,000	480,500	1,703,000	144,000	1,847,000	700,000	930,000	147,800
49,916	1,152,925	51,900	238,400	139,000	429,300	1,437,500	84,000	1,521,500	295,041	827,370	95,900
15,700	331,100	18,300	58,350	40,800	117,450	450,000	30,000	480,000	110,800	215,800	35,000
20,000	277,400	18,300	58,350	40,800	117,450	400,000	20,000	420,000	79,085	215,800	30,500
.....	74,79,022	23,207 710	377,008	118,559 6,121	525,605	20,45,085	289,929 14,876	23,49,890	... ...	... ...	... ...
.....	1,01,60,239	...	...	...	...	...	...	...	...	...	...
.....	1,76,39,261	23,917	377,008	124,680	525,605	20,45,085	304,805	23,49,890	...	...	...
.....	68,05,171	23,207	2,31,950	1,18,559	3,73,716	19,56,095	2,89,929	22,46,024	...	...	...
.....	2,35,698	710	9,030	6,121	15,861	72,259	14,876	87,135	...	...	...
.....	1,01,60,239	...	...	...	...	...	...	...	...	...	...
.....	1,72,01,108	23,917	2,40,980	1,24,680	3,89,577	20,28,354	3,04,805	23,33,159	...	...	...
19	510	26	26	79	131	100	34	134	110	137	65
22	124	32	146	34	212	876	46	922	142	442	69
13	88	...	...	...	...	29	14	43	15	....	4
.....	424	22	22	30	74	328	39	367	...	105	10
19	486	26	24	79	129	100	34	134	110	137	65
22	119	32	146	34	212	874	46	920	141	440	69
....	43	...	...	...	...	28	14	42	15	...	4
.....	424	22	22	30	74	328	39	367	...	105	10

STATEMENT

Capital Account of Irrigation Works

Name of Work.	During Year.								
	Direct Charges.						Indirect Charges.		
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances	Total.
1	2	3	4	5	6	7	8	9	10
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.									
1. Desert Canal	482	104	...	586	...	586	...	15	15
2. Unharwáh	...	...	...	...	...	...	...	...	...
3. Begári Canal	−8,994	−1,946	...	−10,940	...	−10,940	...	−272	−272
4. Mahiwáh	−52	−116	...	−168	...	−168	...	−16	−16
5. Eastern Nára Works	20,822	4,238	296	25,356	...	25,356	...	593	593
6. Jamráo Canal	51,397	11,884	1,174	64,455	...	64,455	...	1,664	1,664
7. Dád do	−2,578	526	36	−2,013	...	−2,016	175	74	249
8. Nasrat do.	−3,637	...	...	−3,637	...	−3,637	...	...	...
9. Naulákhi do.	...	...	...	...	...	...	...	...	...
10. Sukkur Barrage Works	...	...	...	...	...	...	...	...	...
Total	57,440	14,690	1,506	73,636	...	73,636	175	2,058	2,233
MINOR WORKS AND NAVIGATION.									
11. Sukkur Canal	...	...	...	...	...	...	...	...	...
12. Ghár do.	...	...	...	...	...	...	...	...	...
13. Suttah do.	...	...	...	...	...	...	...	...	...
14. Alibahar Kacheri Canal	...	...	...	...	...	...	...	...	...
15. Márak Great do.	20,123	4,104	287	24,514	...	24,514	145	575	720
16. Sarfrazwah	...	...	...	...	...	...	...	...	...
17. Fuleli Canal	25,675	5,520	385	31,580	...	31,580	...	773	773
18. Hasanali do.	...	...	...	...	...	...	...	...	...
Total	45,798	6	672	56,094	...	56,094	145	1,348	1,493
GRAND TOTAL	1,03,238	24,314	2,178	1,29,730	...	1,29,730	320	3,406	3,726

I-B.

in Sind for and to end of 1917-1918.

Grand Total.	To end of Year.									
	Direct Charges.						Indirect Charges.			Grand Total.
	Works.	Establishment.	Tools and Plant.	Total.	*Deduct* Receipts on Capital Account.	Total.	Capitalization.	Leave and Pension Allowances.	Total.	
11	12	13	14	15	16	17	18	19	20	21
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
601	21,32,456	4,83,379	25,679	26,41,514	37	26,41,477	2,284	77,396	79,680	27,21,157
...	6,31,222	1,34,479	2,349	7,68,050	...	7,68,050	1,953	18,827	20,780	7,88,830
—11,212	20,02,896	3,52,288	6,279	23,61,463	19	23,61,444	17,925	60,360	78,285	24,39,729
—184	11,27,521	2,43,877	9,500	13,80,898	6	13,80,892	24,649	34,143	58,792	14,39,684
25,949	53,85,610	13,47,583	72,154	68,05,347	176	68,05,171	3,084	2,32,614	2,35,698	70,40,869
66,119	69,66,526	14,96,148	1,82,511 (a)4,606	86,49,791	981	86,48,810	48,924	2,09,460	2,58,384	89,07,194
—1,767	21,79,835	3,75,467	19,342	25,74,644	34	25,74,610	41,453	52,565	94,018	26,68,628
—3,637	15,47,718	2,53,410	6,875	18,08,003	158	18,07,845	22,749	35,477	58,226	18,66,071
...	4,876	236	...	5,112	...	5,112	...	33	33	5,145
...	—284	.....	...	—284	...	—284	...	...	...	—284
75,869	2,19,78,376	46,86,867	3,24,689 (a)4,606	2,69,94,538	1,411	2,69,93,127	1,63,021	7,20,875	8,83,896	2,78,77,023
...	11,39,526	2,11,468	13,920	13,64,914	160	13,64,754	20,466	41,030	61,496	14,26,250
...	4,46,950	98,471	2,984	5,48,405	...	5,48,405	12,536	18,318	30,854	5,79,259
...	1,40,133	31,819	2,076	1,74,028	...	1,74,028	1,597	4,454	6,051	1,80,079
...	19,636	3,548	23	23,207	...	23,207	...	710	710	23,917
25,234	1,90,752	39,379	1,899	2,23,030	80	2,31,950	1,554	7,476	9,030	2,40,980
...	1,03,432	15,097	30	1,18,559	...	1,18,559	3,102	3,019	6,121	1,24,680
32,353	16,01,765	3,45,560	9,274	19,56,599	504	19,56,095	14,412	57,847	72,259	20,28,354
...	2,35,342	49,286	5,301	2,89,929	...	2,89,929	7,976	6,900	14,876	3,04,805
57,587	38,77,536	7,94,628	35,507	47,07,671	744	47,06,927	61,643	1,39,754	2,01,397	49,08,324
1,33,456	2,58,55,912	54,81,495	3,60,196 (a)4,606	3,17,02,209	2,155	3,17,00,054	2,24,664	8,60,629	10,85,293	3,27,85,347

(a) Suspense Account.

JAGAT PRASAD,
Deputy Accountant General.

STATEMENT

Statement showing the Financial Results of Irrigation

Realizations under main heads of

Works.	Revenue (Actual Receipts).												Revenue Manage		
	Irrigation.					Plantation.	Miscellaneous.	Total.	*Less*—Refunds of Revenue.	Gross Revenue less Refunds.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvement.	Establishment.		
	Direct.	Indirect.			Total.								Direction.	Executive.	Civil Officers.
	Water-rates directly paid.	Share of Land Revenue.	4 per cent. on $\frac{1}{10}$ths of proceeds from sale of occupancy rights in waste or other lands up to end of year.	Total.											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
PRODUCTIVE WORKS.															
1. Desert Canal ...	70,384	3,73,344	2,165	3,75,509	4,45,893	70	6,219	4,52,182	...	4,52,182	...	4,52,182	...	...	24,824
2. Unharwáh ...	240	2,04,253	3,030	2,07,283	2,07,523	46	2,298	2,09,867	...	2,09,867	...	2,09,867	...	...	12,312
3. Begári Canal ...	25,977	6,04,580	9,250	6,13,830	6,39,807	21	8,194	6,48,022	...	6,48,022	33,613	6,14,409	...	...	40,049
4. Mahiwáh ...	1,067	1,66,471	3,170	1,69,641	1,70,708	32	3,061	1,73,801	...	1,73,801	1,10,497	63,304	...	...	12,401
5. Eastern Nára Works.	3,509	5,75,641	3,747	5,79,388	5,82,897	360	31,704	6,14,961	...	6,14,961	3,441	6,11,517	...	...	34,983
6. Jámráo Canal ...	1,656	6,84,822	71,025	7,55,847	7,57,503	173	70,970	8,28,646	267	8,28,379	...	8,28,379	...	46,252	21,272
7. Dád do. ...	2,203	2,63,672	8,025	2,71,697	2,73,900	165	1,132	2,75,197	16	2,75,181	83,913	1,91,268	...	...	18,950
8. Nasrat do. ...	215	1,81,138	13,424	1,94,562	1,94,777	225	1,288	1,96,290	...	1,96,290	72,854	1,23,436	...	...	11,734
9. Naulákhi do. ...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...
10. Sukkur Barrage Works ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1,05,251	30,53,921	1,13,836	31,67,757	32,73,008	1,092	1,24,866	33,98,966	283	33,98,683	3,04,321	30,94,362	...	46,252	1,76,525
MINOR WORKS AND NAVIGATION.															
11. Sukkur Canal ...	1,466	2,94,211	848	2,95,059	2,96,525	4	3,349	2,99,878	...	2,99,878	84,806	2,15,072	...	...	21,221
12. Ghár do. ...	4,728	8,87,501	7,607	8,95,108	8,09,836	165	8,559	9,08,560	...	9,08,560	1,35,512	7,73,048	...	...	58,995
13. Suttah do. ...	...	43,930	885	44,815	44,815	58	...	44,873	...	44,873	16,145	28,728	...	...	2,793
14. Alibahar Kacheri Canal ...	770	31,551	840	32,391	33,161	...	239	33,400	...	33,400	17,505	15,895	...	...	2,639
15. Marak Great Canal...	2,836	1,82,018	3,406	1,85,424	1,88,260	...	2,150	1,90,410	...	1,90,410	59,437	1,30,373	...	...	13,471
16. Sarfrazwáh ...	1,773	59,884	1,294	61,178	62,951	...	3,661	66,612	...	66,612	18,806	47,806	...	...	4,452
17. Fuleli Canal ...	30,482	8,65,817	14,724	8,80,541	9,11,023	157	18,220	9,29,400	...	9,29,400	2,44,549	6,84,851	...	...	63,952
18. Hasanali Canal ...	629	46,382	687	47,069	47,698	...	480	48,178	...	48,178	5,916	42,262	...	...	2,902
Total ...	42,684	24,11,294	30,291	24,41,585	24,84,269	384	36,658	25,21,311	...	25,21,311	5,82,676	19,38,635	...	...	1,70,425
GRAND TOTAL ...	1,47,935	54,65,215	1,44,127	56,09,342	57,57,277	1,476	1,61,524	59,20,277	283	59,19,994	8,86,997	50,32,997	...	46,252	3,46,950
Works for which only Revenue Accounts are kept ...	22,364	23,86,593	50,172	23,36,765	23,59,129	1,004	56,606	24,16,759	55	24,16,704	...	24,16,704	...	...	1,38,967

I-C.

Works in Sind for the year ended 31st March 1918.

Revenue and Working Expenses.

Working Expenses.															Net Revenue.	
ment.	Maintenance and Repairs.										*Deduct*—Old Maintenance Charges.					
	Establishment.															
Total Revenue Management.	Direction.	Executive.	Total.	Works.	Repairs.	Sundries.	Plantations.	Tools and Plant.	Total Cost of Maintenance.	Indirect Charges.	Grand Total Working Expenses.	Direct.	Indirect.	Total.	Total Working Expenses on Improvements.	Total.	Due to Improvements.
17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
14,324	1,353	21,559	22,912	5,775	59,639	...	1,053	1,105	90,484	4,564	1,19,872	...	...	...	1,19,872	3,32,310	3,32,310
12,312	916	14,721	15,637	11,265	31,737	...	394	259	59,292	1,020	72,624	...	...	...	72,624	1,37,243	1,37,243
40,049	1,741	27,801	29,542	5,324	80,266	1,971	556	1,177	1,18,836	4,531	1,63,416	9,757	2	8,759	1,54,657	4,84,606	4,59,752
12,401	1,454	2,906	4,360	1,227	61,412	...	5,450	916	73,365	611	86,377	21,007	273	21,280	65,097	87,424	−1,793
34,983	8,186	55,885	64,071	24,816	1,14,121	3,506	1,449	3,703	2,11,666	8,970	2,55,619	344	...	344	2,55,275	3,59,342	3,56,242
67,524	17,853	1,00,086	1,17,939	1,619	3,00,806	−155	2,361	5,462	4,28,032	23,077	5,18,633	...	...	...	5,18,633	3,09,746	3,09,746
18,950	5,278	26,867	32,145	7,409	75,515	...	6,994	1,100	1,23,163	5,584	1,47,697	44,076	1,138	45,214	1,02,483	1,27,464	88,785
11,734	5,493	28,426	33,919	4,793	85,177	...	4,428	1,012	1,29,329	4,748	1,45,811	19,355	453	19,808	1,26,003	50,479	−2,567
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2,33,777	42,274	2,78,251	3,20,525	62,228	8,08,673	5,322	22,685	14,734	12,34,167	53,105	15,10,049	93,539	1,866	95,405	14,14,644	18,83,634	16,79,718
21,221	968	11,373	12,341	3,107	41,586	...	671	...	57,705	1,728	80,654	13,256	106	13,362	67,292	2,19,224	1,47,760
58,995	2,151	25,274	27,425	5,894	93,614	...	1,305	789	1,29,027	4,236	1,92,248	18,680	161	18,841	1,73,407	7,16,312	5,99,641
2,793	167	1,267	1,434	...	7,817	...	...	117	9,368	201	12,362	8,993	225	9,218	3,144	32,511	25,584
2,639	391	2,638	3,029	...	6,467	...	...	97	9,593	424	12,656	9,078	188	9,266	3,390	20,744	12,505
13,471	1,736	11,729	13,465	...	28,715	...	...	431	42,611	1,886	57,963	22,978	427	23,405	34,563	1,32,442	96,410
4,452	571	3,850	4,421	878	8,560	...	...	141	14,000	619	19,071	7,651	170	7,821	11,250	47,541	36,556
63,952	12,491	46,132	58,623	38,131	1,70,126	−23	640	1,763	2,69,260	8,697	3,41,909	1,14,265	2,096	1,16,361	2,25,548	5,87,491	4,59,303
2,902	684	2,527	3,211	1,073	10,267	...	...	97	14,648	449	17,999	3,380	78	3,458	14,541	30,179	27,721
1,70,425	19,159	1,04,790	1,23,949	49,083	3,67,152	−23	2,616	3,435	5,46,212	16,230	7,34,867	1,98,281	3,451	2,01,732	5,33,135	17,86,444	14,05,500
3,93,202	61,433	3,83,041	4,44,474	1,11,311	11,75,825	5,299	25,301	18,169	17,80,379	71,335	22,44,916	2,91,820	5,317	2,97,137	19,47,779	36,75,078	30,85,218
1,38,967	18,910	92,365	1,11,275	90,665	5,42,881	2,101	...	−8,128	7,38,794	...	8,77,761	...	...	...	8,77,761	15,38,943	15,38,943

JAGAT PRASAD,
Deputy Accountant General, Bombay.

STATEMENT

Statement showing the Financial Results of Irrigation

Number of works.	Name of works.	General Financial results to end of						
		Mileage in operation.		Estimated cost of construction (direct and indirect).	Date of completion of work (P. W. Code II, 1918).	Date when system first came into operation.	Total Capital Outlay (direct and indirect).	Accumulated arrears of interest.
		Main canals and branches.	Distributaries.					
1	2	3	4	5	6	6a	7	8
	MAJOR WORKS.	Miles.	Miles.	Rs.	Date.	Date.	Rs.	Rs.
	PRODUCTIVE WORKS.							
1	Desert Canal	267·00	69·00	27,35,370	1891-92	1872-73	27,21,157	.....
2	Unharwáh	116·00	5·00	7,88,830	1890-91	1885-86	7,88,830	.....
3	Begári Canal	192·00	52·00	25,34,587	1890-91	1855-56	24,39,729	.....
4	Mahiwáh	293·00	...	15,17,356	Not completed.	1901-02	14,39,684	4,46,335
5	Eastern Nára Works	574·75	...	74,79,022	1897-98	1854-55	70,40,869	.....
6	Jámráo Canal	180·00	457·00	89,07,194	1901-02	1900-01	89,07,194	.....
7	Dád do.	278·78	91·46	26,65,672	1906-07	1901-02	26,68,628	5,96,847
8	Nasrat do.	214·84	69·12	18,66,071	1906-07	1903-04	18,66,071	66,784
9	Naulákhi do.	...	...	12,62,554	Not completed.	...	5,145	2,616
10	Sukkur Barrage Works	...	...	.....	Not started.		—284	—44
	Total ...	2,116·37	743·58	2,97,56,656	...	...	2,78,77,023	11,12,538
	MINOR WORKS AND NAVIGATION.							
11	Sukkur Canal	130·10	...	14,26,250	1885-86	1870-71	14,26,250	.....
12	Ghár do.	302·88	...	5,79,259	1878-79	1856-57	5,79,259	.....
13	Suttah do.	35·32	...	1,80,079	1909-10	1904-05	1,80,079	41,035
14	Alibahar Kacheri Canal	58·50	...	23,917	1875-76	1873-74	23,917	.....
15	Marak Great do.	169·90	...	3,77,008	1881-82	1873-74	2,40,980	.....
16	Surfrazwah	112·60	...	1,24,680	1875-76	1873-74	1,24,680	.....
17	Fuleli Canal	1,002·00	...	20,45,085	1892-93	1861-62	20,28,354	.....
18	Hasanali Canal	94·00	...	3,04,805	1906-07	1903-04	3,04,805	.....
	Total ...	1,905·30	...	50,61,083	...	...	49,08,324	41,035
	GRAND TOTAL ...	4,021·67	743·58	3,48,17,739	...	...	3,27,85,347	11,53,573

II-C.

Works in Sind for, and up to the end of, 1917-18.

1917-18.		FINANCIAL RESULTS OF THE YEAR 1917-18.									
Accumulated surplus revenues.	Total sum-at-charge (column 7 + column 8).	Gross receipts (direct and indirect).	Working expenses (direct and indirect).	Net revenue.	Percentage on Capital Outlay, column 7	Percentage on sum-at-charge, column 10.	Interest at 3·4730 per cent. on direct Capital Outlay to end of previous year, *plus* half the outlay of the year.	Net profit.	Net loss.	Area irrigated.	Percentage of working expenses to receipts (column 11 to column 12).
9	10	11	12	13	14	15	16	17	18	19	20
Rs.	Rs.	Rs.	Rs.	Rs.	Per cent.	Per cent.	Rs.	Rs.	Rs.	Acres.	Per cent.
25,90,383	27,21,157	4,52,182	1,19,872	3,32,310	12·21	12·21	91,728	2,40,582	...	193,285	26·51
21,59,308	7,88,830	2,09,867	72,624	1,37,243	17·40	17·40	26,674	1,10,569	...	85,734	34·60
81,18,930	24,39,729	6,14,409	1,54,657	4,59,752	18·84	18·84	82,203	3,77,549	...	276,250	25·17
...	18,86,019	63,304	65,097	—1,793	...	...	47,961	...	49,754	60,347	102·83
42,81,278	70,40,869	6,11,517	2,55,275	3,56,242	5·06	5·06	2,35,903	1,20,339	...	225,132	41·74
8,79,497	89,07,194	8,28,379	5,18,633	3,09,746	3·48	3·48	2,99,254	10,492	...	233,935	62·61
...	32,65,475	1,91,268	1,02,483	88,785	3·33	2·72	89,451	...	666	111,879	53·58
...	19,32,855	1,23,436	1,26,003	—2,567	...	...	62,850	...	65,417	76,339	102·08
...	7,761	...	...	...	...	...	178	...	178	...	...
...	—328	...	...	...	...	...	—10	...	—10	...	...
1,80,29,396	2,89,89,561	30,94,362	14,14,644	16,79,718	6·03	5·79	9,36,192	7,43,526		1,262,901	45·72
4,82,743	14,26,250	2,15,072	67,292	1,47,780	10·36	10·36	47,398	1,00,382	...	99,752	31·29
2,11,11,806	5,79,259	7,73,048	1,73,407	5,99,641	103·52	103·52	19,046	5,80,595	...	252,950	22·43
...	2,21,114	28,728	3,144	25,584	14·21	11·57	6,044	19,540	...	16,828	10·94
2,01,274	23,917	15,895	3,390	12,505	52·28	52·28	806	11,699	...	15,478	21·33
19,05,547	2,40,980	1,30,973	34,563	96,410	40·01	40·01	7,630	88,780	...	75,781	26·39
3,86,079	1,24,680	47,806	11,250	36,556	29·32	29·32	4,118	32,438	...	29,833	23·53
88,93,756	20,28,354	6,84,851	2,25,548	4,59,303	22·64	22·64	67,387	3,91,916	...	382,719	32·93
1,08,148	3,04,805	42,262	14,541	27,721	9·09	9·09	10,069	17,652	...	18,766	34·41
3,30,89,353	49,49,359	19,38,635	5,33,135	14,05,500	28·63	28·40	1,62,498	12,43,002		892,107	27·50
5,11,18,749	3,39,38,920	50,32,997	19,47,779	30,85,218	9·41	9·09	10,98,690	19,86,528		2,155,008	38·70

JAGAT PRASAD,
Deputy Accountant General.

STATEMENT III-C.

Demands and Realizations during the year 1917-1918.

	Irrigation Works.	Balance of demands unrealized at commencement of year. (a)	Demands of year.	Total.	*Deduct*—Remissions including Cash Refunds.	Net Total.	*Deduct*—Amount unrealized at close of year.	Actual Total Receipts of year.	*Deduct*—Share due to old Irrigation.	Total Revenue due to Improvements.
	1	2	3	4	5	6	7	8	9	10
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	MAJOR WORKS.									
	PRODUCTIVE WORKS.									
1	Desert Canal	4,793	4,77,212	4,82,005	559	4,81,446	29,264	4,52,182	...	4,52,182
2	Unharwáh	1,626	2,09,223	2,10,849	...	2,10,849	982	2,09,867	...	2,09,867
3	Begári Canal	6,821	6,61,373	6,68,194	2,164	6,66,030	18,008	6,48,022	33,613	6,14,409
4	Mahiwáh	7,850	1,73,125	1,80,975	...	1,80,975	7,174	1,73,801	1,10,497	63,304
5	Eastern Nára Works ...	4,145	6,16,458	6,20,603	527	6,20,076	5,115	6,14,961	3,444	6,11,517
6	Jámráo Canal	11,703	8,29,025	8,40,728	277	8,40,451	12,072	8,28,379	...	8,28,379
7	Dád do.	10,974	2,84,398	2,95,372	739	2,94,633	19,452	2,75,181	83,913	1,91,268
8	Nasrat dó.	9,035	2,02,500	2,11,535	185	2,11,350	15,060	1,96,290	72,854	1,23,436
9	Naulákhi do. (b) ...	...	...	...	...	...	...	...	...	...
10	Sukkur Barrage Works (c).	...	...	...	...	...	...	...	...	...
	Total, Major Works ...	56,947	34,53,314	35,10,261	4,451	35,05,810	1,07,127	33,98,683	3,04,321	30,94,362
	MINOR WORKS AND NAVIGATION.									
11	Sukkur Canal	3,252	3,00,632	3,03,884	...	3,03,884	4,006	2,99,878	84,806	2,15,072
12	Ghár do.	667	9,08,162	9,08,829	9	9,08,820	260	9,08,560	1,35,512	7,73,048
13	Suttah do.	10	45,010	45,020	...	45,020	147	44,873	16,145	28,728
14	Alibahar Kacheri Canal ...	671	33,158	33,829	...	33,829	429	33,400	17,505	15,895
15	Marak Great do. ...	2,781	1,89,483	1,92,264	...	1,92,264	1,854	1,90,410	59,437	1,30,973
16	Surfrazwáh	8,618	64,721	73,339	...	73,339	6,727	66,612	18,806	47,806
17	Fuleli Canal	3,397	9,34,749	9,38,146	95	9,38,051	8,651	9,29,400	2,44,549	6,84,851
18	Hasanali do.	358	48,003	48,361	...	48,361	183	48,178	5,916	42,262
	Total, Minor Works and Navigation ...	19,754	25,23,918	25,43,672	104	25,43,568	22,257	25,21,311	5,82,676	19,38,635
	GRAND TOTAL ...	76,701	59,77,232	60,53,933	4,555	60,49,378	1,29,384	59,19,994	8,86,997	50,32,997

(a) Correct balances as now reported by the Revenue Officers in Canal Returns Nos. VIII-A and IX.

(b) Work under construction.

(c) Work not yet commenced as 49—Irrigation works. Exchange on expenditure in England under "49—Irrigation Works" adjusted during the year 1913-14.

JAGAT PRASAD,
Deputy Accountant General.

STATEMENT IV-C.

STATEMENT

Statement showing the Financial Results of Irrigation Works in Sind

Principal Results of Operations

	Irrigation Works.	Capital Outlay (direct and indirect) to end of year.	Revenue assessed					
			Direct Revenue.				Indirect Revenue Revenue due to opera canal	
			Occupier's rate.	Plantations.	Miscellaneous.	Total.	Share of Land Revenue.	4 per cent. on $\frac{2}{3}$rds of proceeds from sale of occupancy rights in waste or other lands up to end of year.
	1	2	3	4	5	6	7	8
	MAJOR WORKS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	PRODUCTIVE WORKS.							
1	Desert Canal	27,21,157	96,517	70	6,219	1,02,806	3,72,241	2,165
2	Unharwáh	7,88,830	304	46	2,298	2,648	2,03,545	3,030
3	Begári Canal	24,39,729	38,607	21	8,194	46,822	6,05,301	9,250
4	Mahiwáh	14,39,684	635	32	3,061	3,728	1,66,227	3,170
5	Eastern Nára Works ...	70,40,869	3,285	360	31,704	35,349	5,77,362	3,747
6	Jámrao Canal	89,07,194	1,562	173	70,970	72,705	6,85,295	71,025
7	Dád do.	26,68,628	2,466	165	1,132	3,763	2,72,610	8,025
8	Nasrat do.	18,66,071	187	225	1,288	1,700	1,87,376	13,424
9	Naulákhi do.	5,145	...	...	...	...	.....	...
10	Sukkur Barrage Works ...	—284	...	...	...	...	.....	...
	Total, Major Works ...	2,78,77,023	1,43,563	1,092	1,24,866	2,69,521	30,69,957	1,13,836
	MINOR WORKS AND NAVIGATION.							
11	Sukkur Canal	14,26,250	1,268	4	3,349	4,621	2,95,163	848
12	Ghár do.	5,79,259	2,385	165	8,559	11,109	8,89,446	7,607
13	Suttah do.	1,80,079	67	58	...	125	44,000	885
14	Alibahar Kacheri Canal ...	23,917	529	...	239	768	31,550	840
15	Marak Great do. ...	2,40,980	2,214	...	2,150	4,364	1,81,713	3,406
16	Surfrazwah	1,24,680	1,530	...	3,661	5,191	58,236	1,294
17	Fuleli Canal	20,28,354	32,762	157	18,220	51,139	8,68,886	14,724
18	Hasanali Canal	3,04,805	383	...	480	863	46,453	687
	Total, Minor Works and Navigation ...	49,08,324	41,138	384	36,658	78,180	24,15,447	30,291
	GRAND TOTAL ...	3,27,85,347	1,84,701	1,476	1,61,524	3,47,701	54,85,404	1,44,127

IV-C.

for the year ended 1917-1918, based on the Assessment of the year.

for the year ended 31st March 1918.

DURING THE YEAR.					WORKING EXPENSES.			NET REVENUE OF THE YEAR.		
—Land tion of Total.	Refunds of Revenue.	Grand Total.	*Deduct*— Share due to old Irrigation.	Total Revenue due to Improvements.	Total Charges, direct and indirect.	*Deduct*— Old Maintenance Charges.	Total Working Expenses on Improvements.	Total.	Due to Improvements.	Percentage on Capital Outlay to end of year (Improvements only).
9	10	11	12	13	14	15	16	17	18	19
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	%
3,74,406	...	4,77,212	...	4,77,212	1,19,872	...	1,19,872	3,57,340	3,57,340	13·13
2,06,575	...	2,09,223	...	2,09,223	72,624	...	72,624	1,36,599	1,36,599	17·32
6,14,551	...	6,61,373	33,613	6,27,760	1,63,416	8,759	1,54,657	4,97,957	4,73,103	19·39
1,69,397	...	1,73,125	1,10,497	62,628	86,377	21,280	65,097	86,748	—2,469	(*a*)
5,81,109	...	6,16,458	3,444	6,13,014	2,55,619	344	2,55,275	3,60,839	3,57,739	5·08
7,56,320	267	8,28,758	...	8,28,758	5,18,633	...	5,18,633	3,10,125	3,10,125	3·48
2,80,635	16	2,84,382	83,913	2,00,469	1,47,697	45,214	1,02,483	1,36,685	97,986	3·67
2,00,800	...	2,02,500	72,854	1,29,646	1,45,811	19,808	1,26,003	56,689	3,643	0·20
...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...
31,83,793	283	34,53,031	3,04,321	31,48,710	15,10,049	95,405	14,14,644	19,42,982	17,84,066	6·22
2,96,011	...	3,00,632	84,806	2,15,826	80,654	13,362	67,292	2,19,978	1,48,534	10·41
8,97,053	...	9,08,162	1,35,512	7,72,650	1,92,248	18,841	1,73,407	7,15,914	5,99,243	103·45
44,885	...	45,010	16,145	28,865	12,362	9,218	3,144	32,648	25,721	14·28
32,390	...	33,158	17,505	15,653	12,656	9,266	3,390	20,502	12,263	51·27
1,85,119	...	1,89,483	59,437	1,30,046	57,968	23,405	34,563	1,31,515	95,483	39·62
59,530	...	64,721	18,806	45,915	19,071	7,821	11,250	45,650	34,665	27·80
8,83,610	...	9,34,749	2,44,549	6,90,200	3,41,909	1,16,361	2,25,548	5,92,840	4,64,652	22·91
47,140	...	48,003	5,916	42,087	17,999	3,458	14,541	30,004	27,546	9·04
24,45,738	...	25,23,918	5,82,676	19,41,242	7,34,867	2,01,732	5,33,135	17,89,051	14,08,107	28·69
56,29,531	283	59,76,949	8,86,997	50,89,952	22,44,916	2,97,137	19,47,779	37,32,033	31,42,173	9·58

(*a*) No percentage is calculated, as the net revenue against the work is a minus figure.

JAGAT PRASAD,
Deputy Accountant General, Bombay.

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS				
	In operation.								Under Construction.	Work not started.	Total.	Works				
	Desert Canal.	Unharwáh	Begári Canal.	Mahiwáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage works.		Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibahar Macheri Canal.	Mara Great Canal.
Capital Outlay.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
During year... Direct ...	586	...	−10,940	−168	25,356	64,455	−2,016	−3,637	...	...	73,636	...	...	...	...	24,514
During year... Indirect...	15	...	−272	−16	593	1,664	249	...	...	...	2,233	...	...	...	...	720
Total ...	601	...	−11,212	−184	25,949	66,119	−1,767	−3,637	...	...	75,869	...	...	...	...	25,234
To end of year. Direct ...	26,41,477	7,68,050	23,61,444	13,80,892	68,05,171	86,48,810	25,74,610	18,07,845	5,112	−284	2,69,93,127	13,64,754	5,48,405	1,74,028	23,207	2,31,950
To end of year. Indirect...	79,680	20,780	78,285	58,792	2,35,698	2,58,381	94,018	58,226	33	...	8,83,896	61,496	30,854	6,051	710	9,030
Total ...	27,21,157	7,88,830	24,39,729	14,39,684	70,40,869	89,07,194	26,68,628	18,66,071	5,145	−284	2,78,77,023	14,26,250	5,79,259	1,80,079	23,917	2,40,980
Gross Revenue.																
During year... Direct ...	76,673	2,584	34,192	2,608	35,573	72,532	674	997	...	...	2,25,923	4,819	13,452	...	1,009	4,056
During year... Indirect...	3,75,509	2,07,283	5,80,217	60,606	5,75,944	7,55,847	1,90,599	1,22,439	...	...	28,68,444	2,10,253	7,59,596	28,728	14,886	1,25,987
Total ...	4,52,182	2,09,867	6,14,409	63,304	6,11,517	8,28,379	1,91,273	1,23,436	...	...	30,94,367	2,15,072	7,73,048	28,728	15,895	1,30,973
To end of year. Direct ...	20,90,347	23,706	13,70,135	32,242	13,11,261	8,83,540	38,688	13,255	...	...	57,63,174	1,10,990	5,65,107	1,590	31,544	1,52,943
To end of year. Indirect...	69,52,051	41,60,568	1,53,45,858	10,58,049	2,08,42,630	1,15,31,333	22,76,943	23,81,044	...	...	6,45,49,076	55,13,278	2,99,16,002	1,63,395	3,03,57	30,70,100
Total ...	90,42,398	41,84,274	1,67,15,993	10,90,291	2,21,53,891	1,24,14,873	23,15,631	23,94,899	...	...	7,03,12,250	56,24,268	3,04,81,109	1,64,991	3,35,12	23,043

Works in Sind for, and to end of, 1917-1918.

WORKS FOR WHICH CAPITAL ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
in operation.														
Sukkur Barrage.	Fuleli Canal.	Hasanali Canal.	Total.	Grand Total.	Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.		Expenditure.	Receipts.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
												BEGA'RI CANALS DISTRICT.		
												Kashmore Bunds.—Works	57	...
												Kashmore Bunds.—Repairs	45,587	...
												Begári Canal—Repairs	5,783	...
												Establishment—Direction	2,037	...
												Establishment—Executive	7,719	...
												Tools and Plant	679	...
												Share of collection charges	3,996	...
												Direct Receipts	...	2,100
												Irrigation share of Land Revenue	...	44,134
...	31,580	...	56,094	1,29,730	...	...	...	...	...	...	...	Four per cent. on 9/10ths proceeds from sale of occupancy rights on lands, etc.	...	39
												Total, Begári Canals District	65,445	47,433
...	773	...	1,493	3,726	...	...	...	...	...	...	...	SHIKA'RPUR CANALS DISTRICT.		
												Constructing a sluice in mile 24—3 of the Abod Loop—Works.	3,300	...
...	32,353	...	57,587	1,33,456	...	...	...	...	...	...	...	Providing additional furniture in certain Inspection Bungalows on the bunds in the Shikarpur Canals District—Works.	71	...
												Works in connection with improvements to Garkinowah—Works.	60	...
												Loop to Sukkur Begári Bund mile 9 to 13—Repairs.	68,655	...
												Constructing front embankment for wetting the Bechanji Loop behind mile 9 to 13 and for protecting from floods—Repairs.	33,047	...
												Constructing new and Repairing Bunds across Dhorass in connection with the training of the River Indus—Repairs.	1,055	...
1,18,559	19,56,095	2,89,929	47,06,927	3,17,00,054	...	...	...	...	...	...	...	Forest Bund along the boundary of Garhi Holim Forest.	5	...
												Constructing a loop to Sukkur Begari Bund miles 4—6 to 7—4 (Garanj Loop)—Repairs.	2,939	...
6,121	72,259	14,876	2,01,397	10,85,293	...	...	...	...	...	...	...	Begari Bund miles 28—1 to 31—1 (Loi Loop)—Repairs.	60,074	...
												Bunds in Shikárpur Canals District—Repairs.	40,267	...
												Clearance Garkino Canal—Repairs...	292	...
1,24,680	20,28,354	3,04,805	49,08,324	3,27,85,347	...	...	...	...	...	...	...	Bunds Rohri District—Works	321	...
												Bunds Rohri District—Repairs	462	...
												Kasimpur Bund—Works	93	...
												Mahiwah—Works	88	...
												Mahiwah—Repairs	10,687	...
												Establishment—Direction	9,819	...
												Establishment—Executive	36,604	...
												Tools and Plant	3,127	...
												Suspense	−34	...
												Share of collection charges	10,437	...
												Direct Receipts	...	3,472
												Irrigation share of Land Revenue	...	1,34,369
												Four per cent. on 9/10ths proceeds from sale of occupancy rights on lands, etc.	...	1,636
5,431	48,359	916	79,475	3,05,398	12,617	22,491	13,509	1,231	28,763	1,338	79,939	Total, Shikárpur Canals District	2,81,499	1,39,558
42,372	6,35,992	41,346	18,59,160	47,27,604	5,43,503	7,33,550	4,40,448	2,41,799	3,06,372	71,093	23,36,765	GHAR CANALS DISTRICT.		
												Ghar Bunds—Works	1,176	...
												Ghar Bunds—Repairs	8,870	...
47,306	6,84,851	42,262	19,38,635	50,33,002	5,56,120	7,56,031	4,53,957	2,43,030	3,35,135	72,431	24,16,704	Ghar Canal—Repairs	4,135	...
												Sukkur Canal—Repairs	4,021	...
												Establishment—Direction	667	...
												Establishment—Executive	3,241	...
												Tools and Plant	151	...
												Suspense	−991	...
												Share of collection charges	22,156	...
												Direct Receipts	...	3,590
99,729	17,93,509	8,962	27,64,871	85,27,545	...	...	...	...	...	...	...	Irrigation share of Land Revenue	...	2,22,297
												Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	...	28
10,92,425	1,87,42,478	5,39,964	5,93,43,220	12,38,92,296	...	...	...	...	...	...	...	Total, Ghar Canals District	43,426	2,25,905
11,92,145	2,05,35,987	5,48,926	6,21,07,591	13,24,19,841	...	...	...	...	...	...	...	Carried over	3,90,280	4,12,901

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION—AND REVENUE ACCOUNTS				
	In operation.								Under Construction.	Work not started.	Total.	Works				
	Desert Canal.	Unharwáh.	Begári Canal.	Mahiwáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage works.		Sukkur Canal.	Ghár Canal.	Sattah Canal.	Alibahar Kacheri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Working Expenses.																
During year... Direct ...	1,15,308	71,604	1,50,123	64,759	2,46,305	4,95,556	98,042	1,21,708	...	...	13,63,410	65,670	1,69,342	3,168	3,154	33,104
During year... Indirect...	4,564	1,020	4,529	338	8,970	23,077	4,446	4,295	...	...	51,239	1,622	4,095	—24	236	1,159
Total ...	1,19,872	72,624	1,54,657	65,097	2,55,275	5,18,633	1,02,488	1,26,003	...	...	14,14,649	67,292	1,73,437	3,144	3,390	34,563
To end of year. Direct ...	36,99,073	12,97,400	54,54,315	7,93,335	74,69,778	53,99,577	13,89,009	14,47,316	...	...	2,69,49,803	26,09,204	82,88,996	1,24,742	90,366	9,52,603
To end of year. Indirect...	83,060	22,462	1,24,383	6,327	2,42,596	3,03,616	34,625	36,110	...	...	8,53,179	74,005	2,06,439	1,376	3,706	30,093
Total ...	37,82,133	13,19,862	55,78,698	7,99,662	77,12,374	57,03,193	14,23,634	14,83,426	...	...	2,78,02,982	26,83,209	84,95,435	1,26,118	94,072	9,82,706
Net Revenue.																
During year ...	3,32,310	1,27,243	4,59,752	—1,793	3,56,242	3,09,746	88,785	—2,567	...	...	16,79,718	1,47,780	5,99,641	25,584	12,505	96,410
To end of year ...	32,60,265	28,64,413	1,11,37,295	2,90,629	1,44,41,517	67,11,680	8,91,997	9,11,473	...	...	4,25,09,268	29,41,059	2,19,87,674	38,873	2,41,050	22,40,337

Works in Sind for, and to end of, 1917-1918—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.				Grand Total.	MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.						
in operation.											
Sukkur Barrage.	Fuleli Canal.	Hasan-ali Canal.	Total.		Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
10,801	2,18,947	14,170	5,18,356	18,81,766	1,51,312	2,98,119	1,57,481	81,005	1,09,594	50,250	8,77,761
449	6,601	371	14,779	66,018	...	...	...	...	...	...	...
11,250	2,25,548	14,541	5,33,135	19,47,784	1,51,312	2,98,119	1,57,481	81,005	1,09,594	50,250	8,77,761
5,90,551	86,38,302	2,89,315	2,15,74,084	4,85,23,887	...	...	...	...	...	...	...
19,586	2,62,073	8,862	6,06,145	14,59,324	...	...	...	...	...	...	...
6,00,137	89,00,375	2,98,177	2,21,80,229	4,99,83,211	...	...	...	...	...	...	...
35,358	4,59,303	27,721	14,05,500	30,85,218	4,04,808	4,57,912	2,66,476	1,62,025	2,25,541	22,188	15,38,943
5,92,008	1,16,35,612	2,50,749	3,99,27,362	8,24,36,630	...	...	...	...	...	...	...

Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.	Expenditure.	Receipts.
	Rs.	Rs.
Brought over ...	3,90,280	4,12,901
WESTERN NARA DISTRICT.		
Extension of Western Nara Bunds from Pittowah head to Sehwan—Works.	63,892	...
Strengthening the existing banks of Thario Doso and Dengan—Works.	911	...
Constructing a masonry stair case for out-houses in the P. W. D. Inspection Bungalow, Class II, at Dadu—Works.	114	...
Nara Bunds ... Works	551	...
Repairs	94,596	...
Manjhand Bunds. Works	73	...
Repairs	2,938	...
Raising and strengthening the Western Nara Bunds from miles 69—3 to 101—3—Works.	45,061	...
Raising and strengthening the Western Nara Bunds from miles 39—5 to 40—3 and 50—3 to 67—2—Works	3,938	...
Inspection Bungalows on Bunds in Western Nara District—Repairs.	107	...
Establishment Direction ...	9,541	...
Executive ...	36,044	...
Tools and Plant	3,161	...
Share of collection charges	585	...
Direct Receipts	...	2,275
Irrigation share of Land Revenue ...	...	9,758
Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	...	20
Total, Western Nara District ...	2,61,532	12,053
KARÁCHI CANALS DISTRICT.		
Preparing fresh designs and estimates for the Sukkur Barrage Works—Works.	1,563	...
Constructing a pacca sluice at the head of the Kalri Tahi 46 right side Kalri—Works.	160	...
Raising and Strengthening bunds Left Bank—Works.	2,452	...
Raising and Strengthening Right Bank Baghar Uchito Band—Works.	3,240	...
Raising and Strengthening Baghar Uchito Band—Works.	9,531	...
Bunds Right Bank. Works ...	14,985	...
Repairs ...	37,422	...
Bunds Left Bank Works ...	16,823	...
Repairs ...	72,945	...
Suttah Canal ... Works ...	1,994	...
Repairs ...	4,267	...
Establishment. Direction ...	7,327	...
Executive ...	50,190	...
Tools and plant	2,772	...
Suspense	—1,904	...
Share of collection charges	2,337	...
Direct Receipts	...	2,620
Irrigation share of Land Revenue ...	...	35,841
Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	...	515
Total, Karáchi Canals District ...	2,25,104	38,976
Carried over ...	8,77,916	4,63,930

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION AND REVENUE ACCOUNTS				
	In operation.								Under construction.	Work not started.	Total.	Works				
	Desert Canal.	Unharwáh	Begári Canal.	Mahiwáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage works.		Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibahar Kacheri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Simple Interest.																
During year ...	91,728	26,674	82,203	47,961	2,35,903	2,99,254	89,451	62,850	178	—10	9,36,192	...	...	...	...	...
To end of year ...	26,69,882	7,05,104	30,18,365	7,36,964	1,01,60,239	58,32,183	14,88,844	9,78,257	2,616	—44	2,55,92,410	...	...	...	...	...

Works in Sind for, and to end of, 1917-1918—continued.

WORKS FOR WHICH CAPITAL ARE KEPT.				Grand Total.	MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
In operation.														
Sur-frazwáh.	Fuleli Canal.	Hasan-ali Canal.	Total.		Shikárpur Canals District.	Western Nára District.	Karáchi Canals District.	Nasrat Canals District.	Hyder-abad Canals District.	Fuleli Canals District.	Total.		Expend-iture.	Re-ceipts.
												Brought over ...	Rs. 8,76,916	Rs. 4,63,930
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	KARÁCHI BUILDINGS DISTRICT.		
												Making surveys on the Indus—Works.	22,602	...
												Demonstrating boundary between Sind and Bahavalpur State—Works.	225	...
												Maintenance of steamers, gauges and snagging the Indus—Repairs.	11,742	...
												Store-room at Sukkur—Repairs ...	12	...
												Buildings and clearance in front of gauge at Kotri—Repairs.	444	...
												Gauge at Sukkur—Repairs	144	...
...	...	...	...	...	...	...	...	...	...	...	...	Beacons at Hajnare, Khirsian, Thabar, Theli and Kajur—Repairs.	165	...
												Mathemetical Instrument Depôt { Establishment, Executive.	1,084	...
												Mathemetical Instrument Depôt { Tools and Plant.	5,298	...
												Establishment ... { Direction ...	630	...
												Establishment ... { Executive ...	30,641	...
												Tools and Plant	3,091	...
												Share of collection charges	...	...
												Direct Receipts	...	245
												Irrigation share of Land Revenue ...	...	...
												Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	...	...
												Total, Karáchi Buildings District...	1,26,078	245
												NASRAT CANALS DISTRICT.		
												Providing Canal Chowki furniture for bungalows in the Nasrat Canals District—Works.	16	...
												Bunds in the Nasrat Canals—Repairs.	4,397	...
												Providing fences of babul wood branches round the bench mark of Rohri—Repairs.	26	...
												Canal Chowki at Dawlatpur—Repairs.	796	...
												Riverain survey marks, in Lower Dad sub-division—Repairs.	9	...
												Dad Canal ... { Works	4,608	...
												Dad Canal ... { Repairs	23,211	...
												Nasrat Canal ... { Works	196	...
...	...	...	...	...	...	...	...	...	...	...	...	Nasrat Canal ... { Repairs	10,709	...
												Establishment ... { Direction ...	2,191	...
												Establishment ... { Executive ...	10,299	...
												Tools and Plant	299	...
												Suspense Account	—144	...
												Share of collection charges	13,115	...
												Direct Receipts	...	3,546
												Irrigation share of Land Revenue ...	...	1,52,225
												Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	..	996
												Total, Nasrat Canals District ..	69,722	1,56,767
												Carried over ...	10,73,716	6,20,942

General Abstract of Financial Results of Irrigation

	MAJOR WORKS—PRODUCTIVE WORKS.											MINOR WORKS AND NAVIGATION— AND REVENUE ACCOUNTS				
	In operation.								Under construction.	Work not started.	Total.	Works				
	Desert Canal.	Unharwáh	Begári Canal.	Mahiwáh.	Eastern Nára Works.	Jámráo Canal.	Dád Canal.	Nasrat Canal.	Naulakhi Canal.	Sukkur Barrage Works.		Sukkur Canal.	Ghár Canal.	Suttah Canal.	Alibahar Kacheri Canal.	Marak Great Canal.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Net profit after paying off Interest.																
During year ...	2,40,582	1,10,569	3,77,540	—49,754	1,20,339	10,492	—666	—65,417	—178	10	7,43,526	...	...	...	...	...
To end of year ...	25,90,383	21,59,308	81,18,930	—4,46,335	42,81,278	8,79,497	—5,95,847	—66,784	—2,616	44	1,69,16 858	...	...	...	...	...

Works in Sind for, and to end of, 1917-1918—concluded.

WORKS FOR WHICH CAPITAL ACCOUNTS ARE KEPT.					MINOR WORKS AND NAVIGATION—WORKS FOR WHICH ONLY REVENUE ACCOUNTS ARE KEPT.							Expenditure on and Receipts from Agricultural Works for which neither Capital nor Revenue Accounts are kept.		
In operation.													Expenditure.	Receipts.
Sarfrazwah.	Fuleli Canal.	Hasanali Canal.	Total.	Grand Total.	Shikárpur Canals District.	Western Nara District.	Karáchi Canals District.	Nasrat Canals District.	Hyderabad Canals District.	Fuleli Canals District.	Total.			
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
												Brought over ...	10,73,716	6,20,94
												HYDERABAD CANALS DISTRICT.		
												Ronwah Bunds—Repairs	2,389	...
												Renewing the missing Indus survey marks in the District Anim Lakho Taluka Hal—Repairs.	29	...
												Alibahar Kacheri—Repairs... ...	5,988	...
												Marak Great—Repairs	13,967	...
												Sarfrazwah—Repairs	4,557	...
												Establishment { Direction ...	1,031	...
												Establishment { Executive	5,091	...
												Tools and Plant	36	...
												Share of collection charges	9,575	...
												Direct Receipts	...	...
												Irrigation share of Land Revenue ...	...	95,748
												Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	...	...
...	...	...	...	...	...	...	...	...	...	...	...	Total, Hyderabad Canals District...	42,693	95,748
												FULELI CANALS DISTRICT.		
												Constructing a bund between Dhadko and Mulchand Canals in a length of 2 miles—Works.	10,982	...
												Constructing a sluice and a supply channel at mile No. 14 of Hajipur Bund—Works.	3,380	...
												Constructing a pacca well on the bank of Nurwah for providing a water supply to the Inspection Bungalow at Mulla Katior—Works.	375	...
												River Bunds—Repairs ...	37,542	...
												Sang Badka Loop—Repairs ...	225	...
												Fuleli Canal—Repairs	74,842	...
												Hasanali Canal. { Works	817	...
												Hasanali Canal. { Repairs	1,583	...
												Establishment { Direction ...	6,147	...
												Establishment { Executive	20,535	...
												Tools and Plant	781	...
												Share of collection charges	24,872	...
												Direct Receipts	...	24
												Irrigation share of Land Revenue ...	...	2,50,250
												Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	...	22
...	...	...	...	...	...	...	...	...	...	...	...	Total, Fuleli Canals District ...	1,82,081	2,50,317
												EASTERN NÁRA DISTRICT.		
												Share of collection charges	344	...
												Direct Receipts	...	...
												Irrigation share of Land Revenue ...	...	3,444
												Four per cent. on 9/10ths of proceeds from sale of occupancy rights on lands, etc.	...	...
												Total, Eastern Nára District ...	344	3,444
												Grand Total ...	12,98,834	9,70,65

M. MUZUMDAR,
For Deputy Accountant General, Bombay.

STATEMENT

Statement of Area irrigated by Irrigation Works

Name of Canal.		Area Irrigated in Acres.			Net area irrigated after deducting area in which remissions were granted.			Number of days the canal was in flow.	
		Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.	Kharif.	Rabi.
1		2	3	4	5	6	7	8	9
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Days.	Days.
MAJOR WORKS.									
Productive Works.								*Indus Right*	
Shikárpur Canals District.	Máhiwáh	30,171	36,621	66,792	29,059	35,877	64,936	110	
Begári Canals District.	Desert Canal	91,130	115,149	206,279	83,108	110,777	193,885	134	
	Unhárwáh	45,576	44,346	89,922	42,576	42,646	85,222	118	
	Begári Canal	183,682	147,334	331,016	160,424	141,860	302,284	142	
MINOR WORKS.									
Works for which Capital and Revenue Accounts are kept.									
Ghár Canals District.	Sukkur Canal ...	68,365	60,779	129,144	64,155	59,361	123,516	111	89
	Ghár Canal	206,396	135,814	342,210	186,614	134,240	320,854	186	
Karáchi Canals District.	Sattah Canal	16,080	946	17,026	15,330	946	16,276	107	
Works for which only Revenue Accounts are kept.									
Shikárpur Canals District.	Canals in Rohri... ...	26,453	28,051	54,504	26,174	27,973	54,147	110	
	Sind Canal	56,891	39,177	96,068	56,575	39,122	95,697	122	
	Rajib Canal	4,799	5,671	10,470	4,792	5,664	10,456	117	
	Chitti Canal	4,638	6,910	11,548	4,632	6,872	11,504	106	
	Garang Canal	2,340	4,700	7,040	2,340	4,695	7,035	117	
Western Nára District.	Western Nára including Nára Feeder and Pritchard.	192,096	124,105	316,201	107,533	122,900	230,433	145	
	Marvi	2,078	2,402	4,480	1,117	2,360	3,477	146	
	Dadu Canal	7,627	10,830	18,457	4,083	10,822	14,905	147	
	Phitta Canal	4,009	6,149	10,158	3,063	6,005	9,068	138	
	Chario Wahur (Aral) including Manchar.	4,384	16,987	21,371	494	16,486	16,980	158	
	Canals north of Kotri ...	6,218	6,144	12,362	4,860	5,811	10,671	82	
	Wahurwáh	1,583	2,050	3,633	1,566	1,938	3,504	86	
Karáchi Canals District.	Baghar	30,308	9,985	40,293	24,076	9,895	33,971	107	
	Pinyári	84,381	11,152	95,533	67,234	8,264	75,498	107	
	Kalri	15,726	3,347	19,073	13,040	3,347	16,387	107	
MAJOR WORKS.									
Productive Works.								*Indus Left*	
Jámráo Canal District.	Jámráo Canal	152,163	86,243	238,406	150,602	85,185	235,787	117	182
Nasrat Canals District.	Dád Canal¶	85,931	35,508	121,439	81,895	35,031	116,926	119	
	Nasrat Canal	66,401	11,477	77,878	55,974	11,261	67,235	118	
Eastern Nára District.	Mithráo Canal	97,026	19,429	116,455	95,845	19,099	114,944	168	87
	Thar Canal	49,645	2,995	52,640	49,135	2,995	52,130	204	
	Hiral Canal	9,798	320	10,118	9,722	320	10,042	204	
	Khipro Canal	2,754	88	2,842	2,754	88	2,842	153	
MINOR WORKS.									
Works for which Capital and Revenue Accounts are kept.									
Hyderabad Canals District.	Alibahár Kacheri ...	12,647	4,683	17,330	12,070	4,514	16,584	115	
	Great Márak	66,330	13,461	79,791	65,105	13,210	78,315	122	
	Sarfraz	27,751	2,276	30,027	27,751	2,271	30,022	113	
Fuleli Canals District.	Fuleli Canal	341,935	44,845	386,780	332,854	44,263	377,117	183	182
	Hasanali Canal ...	18,043	912	18,955	16,818	844	17,662	118	
Works for which only Revenue Accounts are kept.									
Nasrat Canals District.	Mehrabwáh	10,065	3,184	13,249	9,902	3,097	12,999	108	
	Naulakhi	40,009	11,386	51,395	39,048	11,155	50,203	108	
	Dahibro	12,075	3,680	15,755	12,044	3,641	15,685	118	

I.E.

in Sind during the year 1917-1918.

Average Discharge in cubic feet per second.				Area irrigated per cubic foot per second.				Δ = Depth of water used on area irrigated.		Remarks.
At Head.		Utilized.		At Head.		Utilized.				
Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	Kharif.	Rabi.	
10	11	12	13	14	15	16	17	18	19	20
C. ft.	C. ft.	C. ft.	C. ft.	Acres.	Acres.	Acres.	Acres.	Feet.	Feet.	
Bank Division.										
1,286		1,286		50		50		4·4		
1,545		1,545		125		125		2·1		
1,023		1,023		83		83		2·8		
4,068		4,068		74		74		3·8		
1,783	361	1,783	361	36	164	36	164	6·2	1·1	
3,704		3,704		87		87		4·8		
892		892		18		18		11·9*		* Low duty and high delta are due to overwatering of crops in the upper reaches. The results are however better this year.
1,133		1,133		48		48		4·58		
1,992		1,992		48		48		5·08		
159		159		66		66		3·54		
175		175		66		66		3·21		
119		119		59		59		3·97		
5,000		5,000		46		46		6·30		
78		78		44		44		6·64		
71		71		209		209		1·41		
40		40		226		226		1·22		
1,510		1,510		11		11		28·72		
214		214		49		49		3·34		
30		30		116		116		1·48		
5,533		Not known		6		...		35·7†		† A very low duty and excessive delta due to a large quantity of water running to waste into the sea.
2,367		2,367		32		32		6·7		
504		504		33		33		6·5		
Bank Division.										
2,207	1,634	2,207	1,634	68	52	68	52	3·4	7·0‡	‡ During the rabi season 96,691 acres of cotton, a kharif crop, were also watered for a few months.
2,562		2,452§		46		48		4·9		§ An average discharge of 100 acres was wasted at the tails of Dad and the Yarowáh.
1,076		1,076		62		62		3·8		
1,822	839	1,822	839	52	23	52	23	6·5	7·5	¶ Includes also area irrigated on Ren Distributary *ex* Dad in the Hyderabad Canals District.
869		869		60		60		6·8		
150		150		67		67		5·1		
49		49		58		58		5·3		
798		798		21		21		11·0		
1,753		1,753		45		45		5·4		
584		584		51		51		4·4		
6,311	1,203	5,982	1,043	53	37	56	42	6·5	8·7	
665		665		26		26		9·1		
195		195		67		67		3·2		
1,198		1,196		42		42		5·1		
264		264		60		60		3·9		

STATEMENT II-E.

Statement showing Incidence of Working Expenses on Assessed Revenue on Canals in Sind during the year 1917-1918.

Name of Canal.	Average discharge of the year at Canal Head in cubic feet per second.	Water-rate assessed during 1917-1918.					Gross Assessed Revenue from all sources.	Working Expenses, Direct and Indirect.	Area irrigated during the year.	Working Expenses.			90 per cent. of Net Consolidated Assessment.		Total Water-Rate, Direct and Indirect.	
		Occupiers.	Owners.	Total, Direct.	Indirect.	Total, Direct and Indirect.				Per cent. on Gross Revenue.	Per Acre irrigated.	Per cubic foot per second of Canal discharge at Canal Head.	Per acre irrigated.	Per cubic foot per second of discharge at Canal Head.	Per acre irrigated.	Per cubic foot per second of Canal discharge at Canal Head
1	2	3	4	5	6	7	8	9	10*	11	12	13	14	15	16	17
Major Works.	C. ft.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Acres.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Productive Works. o																
Shikárpur Canals District.-Mahiwáh ...	1,286	50	...	50	1,69,397	1,69,447	1,72,510	86,377	62,527	50·06	1·38	67·17	2·66	129·26	2·71	131·76
Begári Canals District { Desert Canal ...	1,545	96,517	...	96,517	3,74,406	4,70,923	4,77,212	1,19,872	193,292	25·12	0·62	77·59	2·56	240·93	2·43	304·80
Unharwáh ...	1,023	304	...	304	2,06,575	2,06,879	2,09,223	72,624	85,751	34·71	0·85	70·99	2·38	198·97	2·41	202·23
Begári Canal ...	4,068	59,195	...	59,195	6,14,551	6,73,746	6,81,961	1,63,416	275,021	23·96	0·59	40·17	2·50	148·80	2·45	165·62
Jámráo Canal District. Jámráo Canal ...	1,920	1,562	...	1,562	7,56,320	7,57,882	8,23,758	5,18,635	233,935	62·58	2·21	270·12	2·96	356·92	3·23	394·73
Nasrat Canals District. { Dad Canal ...	2,552	2,466	...	2,466	2,80,635	2,83,101	2,84,382	1,47,697	111,879	51·94	1·32	57·88	2·58	106·82	2·52	110·93
Nasrat Canal ...	1,076	187	...	187	2,00,800	2,00,987	2,02,500	1,45,811	76,339	72·00	1·91	135·51	2·47	174·14	2·63	186·79
Eastern Nára District. { Mithrao Canal ...	1,437	242	...	242	3,10,670	3,10,912	3,23,316	1,29,843	115,917	38·95	1·12	87·32	2·77	214·71	2·76	215·13
Thar Canal ...	869	1,410	...	1,410	1,53,304	1,53,714	1,59,004	44,058	51,349	27·70	0·85	50·69	3·10	174·91	2·99	176·88
Eastern Nára ...	...	1,633	...	1,633	75,495	77,128	90,236	68,978	47,808	76·43	1·44	...	1·72	...	1·61	...
Hiral Canal ...	150	...	...	...	33,640	33,640	33,902	12,745	10,053	37·59	1·26	84·96	3·10	207·87	3·34	224·26
Total Major Works ...	...	1,63,566	...	1,63,566	31,63,793	33,47,359	34,73,034	15,10,049	1,263,876	43·48	1·19	...	2·62	...	2·65	...
Minor Works.																
Works for which Capital and Revenue Accounts are kept.																
Ghár Canals District... { Sukkur Canal ...	2,144	4,420	...	4,420	2,96,011	3,00,431	3,08,784	80,651	98,430	26·55	0·81	37·62	3·03	137·67	3·05	140·13
Ghár Canal ...	3,704	2,385	...	2,385	8,97,053	8,99,438	9,08,162	1,92,248	252,972	21·17	0·76	51·90	3·60	240·13	3·58	242·52
Karáchi Canals District. Sattah Canal ...	892	66	...	66	44,885	44,951	45,069	12,362	16,828	27·47	0·73	13·86	2·65	49·33	2·67	50·39
Hyderabad Canals { Allahar Kachori	798	529	...	529	32,390	32,919	33,758	12,656	15,479	38·17	0·81	15·86	2·25	39·53	2·12	42·50
District. Great Márak ...	1,753	2,214	...	2,214	1,65,119	1,67,333	1,89,483	57,968	75,781	30·59	0·76	33·06	2·67	103·66	2·47	106·85
Sarfraz ...	584	1,530	...	1,530	59,530	61,060	64,721	19,071	29,833	29·46	0·64	32·65	2·24	99·72	2·05	104·55
Fuleli Canals District { Fuleli Canal ...	3,465	32,762	...	32,762	8,83,610	9,16,372	9,34,749	3,41,908	382,719	36·57	0·89	98·67	2·75	250·76	2·30	264·52
Hasanali Canal ...	665	383	...	383	47,140	47,523	49,003	17,999	18,766	37·49	0·96	22·06	2·58	69·34	2·53	73·46
Total Minor Works ...	....	44,289	...	44,289	24,15,738	24,90,027	25,27,969	7,34,867	890,907	29·08	0·82	...	3·04	...	2·80	...
Grand Total ...	...	2,07,855	...	2,07,855	56,29,531	58,37,386	60,00,103	22,44,916	2,154,683	37·11	1·04	...	2·79	...	2·71	...

* *Note.*—The figures of area given in this column are exclusive of Dúbari cultivation.

STATEMENT III—E.

STATEMENT III-E.

Statement of Quantity and Value of Crops irrigated in Sind during the year 1917-1918.

Description of Crops.	Begári Canals District.								
	Desert Canal.			Unhárwah.			Begári Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	2	3	4	5	6	7	8	9	10
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	30,156	15,64,937	52	2,204	1,66,332	75	76,041	39,03,062	51
Kharif ... Jowári ...	27,151	4,40,098	17	9,582	79,361	8	71,368	11,68,679	16
Kharif ... Bájri ...	29,235	4,73,742	16	32,385	3,81,210	12	29,609	3,86,000	13
Kharif ... Cotton ...	106	13,667	129	16	1,984	124	14	2,480	191
Kharif ... Other crops ...	4,482	1,05,536	24	1,389	33,097	24	6,650	1,98,356	30
Kharif ... Total ...	*91,130	25,97,980	29	45,576	6,61,984	15	†183,682	56,58,577	31
Rabi ... Wheat ...	48,677	21,17,798	44	20,188	9,57,677	47	28,973	13,43,604	46
Rabi ... Barley ...	23	686	30	12	362	30	26	902	35
Rabi ... Oil-seeds ...	26,764	7,36,665	28	8,025	3,29,186	41	35,818	5,55,722	16
Rabi ... Other crops ...	39,685	8,79,621	22	16,121	3,96,841	25	82,517	15,10,098	18
Rabi ... Total ...	*115,149	37,34,770	32	44,346	16,84,066	38	†147,334	34,10,326	23
Total under both Heads ...	*206,279	63,32,750	31	89,922	23,46,050	26	†331,016	90,68,903	27

Description of Crops.	Begári Canals District—*concluded.*						Shikárpur Canals District.		
	Canals from Káshmor Bund.			Total.			Mahiwáh.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	11	12	13	14	15	16	17	18	19
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	224	13,888	62	108,625	56,48,219	52	4,246	82,360	19
Kharif ... Jowári ...	738	7,315	10	108,839	16,95,453	16	11,993	95,661	8
Kharif ... Bájri ...	1,372	24,254	18	92,601	12,65,206	14	11,247	1,01,694	9
Kharif ... Cotton ...	18	4,716	262	154	22,847	148	91	1,490	16
Kharif ... Other crops ...	108	1,157	11	12,629	3,38,146	27	2,594	90,210	35
Kharif ... Total ...	2,460	51,330	21	322,848	89,69,871	28	30,171	3,71,415	12
Rabi ... Wheat ...	2,101	91,048	43	99,939	45,10,127	45	26,035	7,50,418	29
Rabi ... Barley ...	5	135	27	66	2,085	32	88	2,277	26
Rabi ... Oil-seeds ...	329	3,667	11	70,936	16,25,240	23	5,812	1,09,479	19
Rabi ... Other crops ...	252	3,418	14	138,575	27,89,978	20	4,686	2,24,891	48
Rabi ... Total ...	2,687	98,268	37	309,516	89,27,430	29	36,621	10,87,065	30
Total under both Heads ...	5,147	1,49,598	29	632,364	1,78,97,301	28	66,792	14,58,480	22

* Excludes Kharaba and uncultivated areas assessed by the Political Agent, Sibi, as under:—

	Kharif.	Rabi.	Total.
Desert Canal ...	15,361	5,291	20,652

† Excludes Kharaba and uncultivated areas assessed by the Political Agent, Sibi, as under:—

	Kharif.	Rabi.	Total.
Begari Canal ...	16.140	985	17,125

STATEMENT III-E—*continued.*

SHIKÁRPUR CANALS DISTRICT—*continued.*

Description of Crops.		Canals in Rohri.			Sind Canal.			Rajib Canal.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1		20	21	22	23	24	25	26	27	28
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	4,396	66,225	15	28,549	8,25,124	29	3,002	1,08,072	36
	Jowári ...	17,088	38,338	2	22,203	1,64,536	7	1,617	8,085	5
	Bájri ...	2,153	5,343	3	2,580	30,052	12	1	8	8
	Cotton ...	498	8,035	16	10	100	10	...	...	...
	Other crops ...	2,318	94,280	41	3,549	1,10,636	31	179	4,475	25
	Total ...	26,453	2,12,221	8	56,891	11,30,448	20	4,799	1,20,640	25
Rabi	Wheat ...	21,831	6,64,319	30	13,068	3,95,748	30	1,774	70,960	40
	Barley ...	73	2,239	31	11	235	21	...	...	...
	Oil-seeds ...	2,375	61,732	26	5,965	96,710	16	382	6,876	18
	Other crops ...	3,772	1,46,321	39	20,133	4,07,524	20	3,515	77,330	22
	Total ...	28,051	8,74,611	31	39,177	9,00,217	23	5,671	1,55,166	27
Total under both Heads ...		54,504	10,86,832	20	96,068	20,30,665	21	10,470	2,75,806	26

SHIKÁRPUR CANALS DISTRICT—*continued.*

Description of Crops.		Chitti Canal.			Garang Canal.			Bunds in Rohri.		
		Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre
1		29	30	31	32	33	34	35	36	37
		Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif	Rice ...	2,317	83,412	36	567	20,412	36	...	...	...
	Jowári ...	1,943	9,715	5	1,412	7,060	5	24	24	1
	Bájri ...	44	352	8	29	232	8	...	...	...
	Cotton ...	1	10	10	...	...	...	...	...	...
	Other crops ...	333	8,325	25	332	8,300	25	3	120	40
	Total ...	4,638	1,01,814	22	2,340	36,004	15	27	144	5
Rabi	Wheat ...	1,733	69,320	40	2,025	81,000	40	122	3,416	28
	Barley ...	5	125	25	...	...	...	...	...	...
	Oil-seeds ...	385	6,930	18	183	3,294	18	...	...	...
	Other crops ...	4,787	1,05,314	22	2,492	54,824	22	...	...	...
	Total ...	6,910	1,81,689	26	4,700	1,39,118	30	122	3,416	28
Total under both Heads ...		11,548	2,83,503	25	7,040	1,75,122	25	149	3,560	24

STATEMENT III-E—*continued.*

Description of Crops.	Shikárpur Canals District—*concluded.*								
	Sukkur Begári Bund.			Kásimpur Bund.			Total.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	38	39	40	41	42	43	44	45	46
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	513	18,468	36	...	...	...	43,590	12,04,073	28
Kharif ... Jowári ...	1,494	7,470	5	428	1,284	3	58,202	3,32,173	6
Kharif ... Bájri ...	74	716	10	...	...	...	16,128	1,38,397	8
Kharif ... Cotton ...	9	90	10	1	15	15	610	9,740	16
Kharif ... Other crops ...	228	5,749	25	23	920	40	9,559	3,23,015	34
Kharif ... Total ...	2,318	32,493	14	452	2,219	5	128,089	20,07,398	16
Rabi ... Wheat ...	4,135	1,59,568	39	716	20,048	28	71,439	22,14,797	31
Rabi ... Barley ...	...	...	...	5	140	28	182	5,016	28
Rabi ... Oil-seeds ...	1,133	20,306	18	5	140	28	16,240	3,05,467	19
Rabi ... Other crops ...	3,080	67,646	22	9	360	40	42,474	10,84,210	26
Rabi ... Total ...	8,348	2,47,520	30	735	20,688	28	130,335	36,09,490	28
Total under both Heads ...	10,666	2,80,013	26	1,187	22,907	19	258,424	56,16,888	22

Description of Crops.	Ghár Canals District.								
	Sukkur Canal.			Ghár Canal.			Ghár Bunds.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	47	48	49	50	51	52	53	54	55
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	46,177	10,37,552	22	171,877	36,13,908	21	...	...	...
Kharif ... Jowári ...	19,303	2,01,391	10	29,330	2,71,807	9	91	495	5
Kharif ... Bájri ...	1,097	10,963	10	750	4,547	6	1	8	8
Kharif ... Cotton ...	6	180	30	10	699	70	...	...	...
Kharif ... Other crops ...	1,781	30,382	17	4,429	66,511	15	58	1,450	25
Kharif ... Total ...	68,364	12,80,468	18	206,396	39,57,472	19	150	1,953	13
Rabi ... Wheat ...	18,464	6,14,451	33	28,621	7,61,174	27	320	12,579	39
Rabi ... Barley ...	20	393	19	38	247	7	4	100	25
Rabi ... Oil-seeds ...	17,289	1,64,081	10	37,338	2,99,991	8	43	739	17
Rabi ... Other crops ...	25,056	3,22,800	12	69,817	7,50,374	11	31	646	21
Rabi ... Total ...	60,779	11,01,725	18	135,814	18,11,786	13	398	14,064	35
Total under both Heads ...	129,143	23,82,193	18	342,210	57,69,258	17	548	16,017	29

STATEMENT III-E—*continued.*

Description of Crops.	Ghár Canals District—*concld.*			Karachi Canals District.			Western Nára District.		
	Total.			Canals and Bunds.			Canals and Bunds.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	56	57	58	59	60	61	62	63	64
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	218,054	46,51,460	21	219,661	87,86,440	40	150,079	43,68,614	29
Kharif ... Jowári ...	48,724	4,73,693	10	328	2,816	7	60,684	9,56,521	16
Kharif ... Bájri ...	1,848	15,518	8	6,532	86,185	14	5,374	1,73,957	32
Kharif ... Cotton ...	16	879	55	7	168	24	160	1,904	12
Kharif ... Other crops ...	6,268	98,343	16	4,227	39,726	9	3,388	46,250	14
Kharif ... Total ...	274,910	52,39,893	19	230,755	89,14,835	39	219,685	55,47,246	25
Rabi ... Wheat ...	47,405	13,88,204	29	245	4,860	20	84,142	24,20,650	29
Rabi ... Barley ...	62	740	12	5,433	1,03,085	19	6,545	94,629	14
Rabi ... Oil-seeds ...	54,620	4,64,811	9	10,858	98,091	9	31,108	3,22,287	10
Rabi ... Other crops ...	94,904	10,73,820	11	21,131	1,93,867	9	49,330	8,89,407	18
Rabi ... Total ...	196,991	29,27,575	15	37,667	3,99,903	11	171,125	37,26,973	22
Total under both Heads ...	471,901	81,67,468	17	268,422	93,14,738	35	390,810	92,74,219	24

Description of Crops.	Indus Right Bank Division.			Jámrao Canal District.			Eastern Nára District.		
	Total.			Jámráo Canal.			Nára Supply Channel.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	65	66	67	68	69	70	71	72	73
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	740,009	2,46,58,806	33	...	...	...	201	3,015	15
Kharif ... Jowári ...	276,777	34,60,156	12	5,341	42,544	8	1,382	4,146	3
Kharif ... Bájri ...	122,483	16,79,263	14	43,751	5,78,418	13	55	165	3
Kharif ... Cotton ...	947	35,538	38	96,661	40,01,040	41	3	45	15
Kharif ... Other crops ...	36,071	8,45,480	23	6,410	1,03,951	16	207	8,280	40
Kharif ... Total ...	1,176,287	3,06,79,243	26	152,163	47,25,953	31	1,848	15,651	8
Rabi ... Wheat ...	303,170	1,05,38,638	35	75,594	13,48,484	18	10,541	2,95,148	28
Rabi ... Barley ...	12,288	2,05,555	17	420	6,464	15	27	756	28
Rabi ... Oil-seeds ...	183,762	28,15,896	15	2,094	24,710	12	712	19,936	28
Rabi ... Other crops ...	346,414	60,31,282	17	8,135	1,42,724	17	1,830	73,120	40
Rabi ... Total ...	845,634	1,95,91,371	23	86,243	15,22,382	18	13,110	3,88,960	21
Total under both Heads ...	2,021,921	5,02,70,614	25	238,406	62,48,335	26	14,958	4,04,611	27

STATEMENT III-E—*continued.*

EASTERN NÁRA DISTRICT—*continued.*

Description of Crops.	Eastern Nara.			Mithrao Canal.			Thar Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	74	75	76	77	78	79	80	81	82
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	9,830	3,30,150	34	52,870	16,35,584	31	44,008	12,87,234	29
Kharif ... Jowári ...	37	416	11	477	6,819	14	79	1,119	14
Kharif ... Bájri ...	12,962	1,76,336	14	13,518	2,27,986	17	1,391	13,475	10
Kharif ... Cotton ...	1,845	78,225	42	29,345	13,19,987	45	3,626	1,93,386	53
Kharif ... Other crops...	189	3,469	18	816	16,332	20	541	16,301	30
Kharif ... Total ...	24,863	5,88,596	24	97,026	32,06,708	33	49,645	15,11,515	30
Rabi ... Wheat ...	5,240	1,07,867	21	16,723	3,19,990	19	895	34,738	39
Rabi ... Barley ...	510	6,059	12	292	3,667	13	35	749	21
Rabi ... Oil-seeds ...	1,251	9,535	8	1,024	6,430	6	671	3,774	6
Rabi ... Other crops...	3,182	57,807	22	1,390	23,915	17	1,394	37,452	27
Rabi ... Total ...	10,183	1,81,268	18	19,429	3,54,002	18	2,995	76,713	26
Total under both Heads ...	35,046	7,69,864	22	116,455	35,60,710	30	52,640	15,88,228	30

EASTERN NÁRA DISTRICT—*continued.*

Description of Crops.	Khipro Canal.			Hiral Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	83	84	85	86	87	88
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	763	27,466	36	4,283	1,17,069	27
Kharif ... Jowári ...	1	9	9	12	126	11
Kharif ... Bájri ...	1,885	22,012	12	3,387	45,589	13
Kharif ... Cotton ...	89	2,768	31	1,976	74,467	38
Kharif ... Other crops...	16	265	17	140	4,170	30
Kharif ... Total ...	2,754	52,520	19	9,798	2,41,421	25
Rabi ... Wheat ...	68	1,530	23	212	3,392	16
Rabi ... Barley ...	1	11	11	2	21	11
Rabi ... Oil-seeds ...	17	128	8	62	260	4
Rabi ... Other crops...	2	33	17	44	900	20
Rabi ... Total ...	88	1,702	19	320	4,573	14
Total under both Heads ...	2,842	54,222	19	10,118	2,45,994	24

STATEMENT III-E—*continued.*

Description of Crops.	Eastern Nára District—*concld.*			Nasrat Canals District.					
	Total.			Dad* Canal.			Nasrat Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	89	90	91	92	93	94	95	96	97
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	111,955	34,00,518	30	11,805	2,13,777	18	22	44	2
Jowári ...	1,988	12,635	7	24,609	1,93,862	8	20,395	60,426	3
Bájri ...	33,198	4,85,563	15	36,257	2,93,650	8	22,488	89,905	4
Cotton ...	36,884	16,68,878	43	7,743	1,74,318	23	17,044	2,04,991	12
Other crops ...	1,909	48,817	26	5,517	1,02,365	19	6,452	97,668	15
Total ...	185,934	56,16,411	30	85,931	9,77,973	11	66,401	4,53,034	7
Rabi ... Wheat ...	33,679	7,62,665	23	11,026	4,00,326	36	5,803	2,26,352	39
Barley ...	867	11,263	13	1,146	34,081	30	28	547	19
Oil-seeds ...	3,737	40,063	11	19,243	6,04,753	31	4,917	53,316	11
Other crops ...	7,842	1,93,227	25	4,093	1,41,765	35	729	11,268	15
Total ...	46,125	10,07,218	22	35,508	11,80,925	33	11,477	2,91,483	25
Total under both Heads ...	232,059	66,23,629	29	121,439	21,58,898	17	77,878	7,44,517	9

* Includes also figures for Ren Distributary *ex.* Dad which is in charge of Executive Engineer, Hyderabad Canals District.

Description of Crops.	Nasrat Canals District—*concluded.*						Hyderabad Canals District.		
	Other Canals.			Total.			Alibahar Kacheri.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	98	99	100	101	102	103	104	105	106
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	3,805	64,429	17	15,632	2,78,250	18	238	8,568	36
Jowári ...	44,150	1,55,865	4	89,154	4,10,153	5	981	15,064	15
Bájri ...	14,741	72,277	5	73,486	4,55,832	6	8,094	1,28,070	16
Cotton ...	1,558	21,646	14	26,345	4,00,955	15	3,165	1,19,190	37
Other crops ...	2,972	44,377	15	14,941	2,44,411	16	169	2,515	15
Total ...	67,226	3,58,594	5	219,558	17,89,601	8	12,647	2,73,407	22
Rabi ... Wheat ...	14,744	5,04,189	34	31,573	11,30,867	35	2,547	1,07,460	42
Barley ...	776	* 19,024	25	1,950	53,652	28	...	...	...
Oil-seeds ...	7,261	1,00,131	14	31,421	7,58,200	24	1,610	56,892	35
Other crops ...	1,640	34,652	21	6,462	1,87,685	28	526	8,669	16
Total ...	24,421	6,57,996	27	71,406	21,30,404	28	4,683	1,73,021	37
Total under both Heads ...	91,647	10,16,590	11	290,964	39,20,005	13	17,330	4,46,428	26

STATEMENT III-E—*continued.*

Description of Crops.	Hyderabad Canals District—*continued.*								
	Great Márak.			Sarfraz.			Other Canals.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	107	108	109	110	111	112.	113	114	115
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	4,663	1,73,759	37	1,619	28,680	18	1,732	38,094	22
Kharif ... Jowári ..	1,747	27,421	16	346	7,065	20	3,241	52,700	16
Kharif ... Bájri ...	34,604	5,71,767	17	18,357	3,07,417	17	85,136	18,81,712	22
Kharif ... Cotton ...	24,337	10,62,744	44	6,483	1,92,721	30	41,724	17,04,690	41
Kharif ... Other crops ...	979	21,959	22	946	28,514	30	5,083	1,77,309	35
Kharif ... Total ...	66,330	18,57,650	28	27,751	5,64,397	20	136,916	38,04,505	28
Rabi ... Wheat ...	4,661	1,86,655	40	750	27,196	36	4,848	1,77,613	37
Rabi ... Barley ...	2	48	24	1	45	45	28	458	16
Rabi ... Oil-seeds ...	5,348	1,70,486	32	328	8,400	26	3,825	1,09,195	29
Rabi ... Other crops ...	3,450	54,313	15	1,197	31,054	26	15,062	2,76,664	18
Rabi ... Total ...	13,461	4,11,502	31	2,276	66,695	29	23,763	5,63,930	23
Total under both Heads ...	79,791	22,69,152	28	30,027	6,31,092	21	160,679	43,68,435	27

Description of Crops.	Hyderabad Canals District—*concluded.*			Fuleli Canals District.					
	Total.			Fuleli Canal.			Hasanali Canal.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	116	117	118	119	120	121	122	123	124
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	8,252	2,49,101	30	242,335	50,49,118	21	14,375	3,45,000	24
Kharif ... Jowári ...	6,315	1,02,250	16	2,272	39,400	17	200	1,600	8
Kharif ... Bájri ...	146,191	28,38,966	19	65,950	10,36,073	16	2,890	52,021	18
Kharif ... Cotton ...	75,709	30,79,345	41	22,120	5,71,679	26	139	2,085	15
Kharif ... Other crops ...	7,177	2,30,297	32	9,258	3,23,726	39	439	15,099	34
Kharif ... Total ...	243,644	64,99,959	26	341,935	70,19,996	21	18,043	4,15,805	23
Rabi ... Wheat ...	12,806	4,98,924	39	15,377	4,04,532	26	40	960	24
Rabi ... Barley ...	31	551	18	811	16,712	21	1	9	9
Rabi ... Oil-seeds ...	11,111	3,44,973	31	10,712	2,33,179	22	717	19,359	27
Rabi ... Other crops ...	20,235	3,70,700	18	17,945	2,62,367	15	154	2,587	17
Rabi ... Total ...	44,183	12,15,148	28	44,845	9,16,790	20	912	22,915	25
Total under both Heads ...	287,827	77,15,107	27	386,780	79,36,786	21	18,955	4,38,720	23

STATEMENT III-E—*concluded.*

Description of Crops.	Fuleli Canals District—*concluded.*					
	Other Canals.			Total.		
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	125	126	127	128	129	130
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	16,109	3,19,241	20	272,819	57,13,359	21
Jowári ...	173	2,534	15	2,645	43,534	16
Bájri ...	8,169	1,47,167	18	77,009	12,35,261	16
Cotton ...	1,068	23,134	22	23,327	5,96,898	26
Other crops ...	598	18,540	31	10,295	3,57,365	35
Total ...	26,117	5,10,616	20	386,095	79,46,417	21
Rabi ... Wheat ...	1,017	37,176	37	16,434	4,42,668	27
Barley ...	184	3,248	18	996	19,969	20
Oil-seeds ...	1,121	21,543	19	12,550	2,74,081	22
Other crops ...	2,016	28,389	14	20,115	2,93,343	15
Total ...	4,338	90,356	21	50,095	10,30,061	33
Total under both Heads ...	30,455	6,00,972	20	436,190	89,76,478	21

Description of Crops.	Indus Left Bank Division.			Grand Total for Sind.		
	Total.					
	Area irrigated.	Estimated value.	Value per acre.	Area irrigated.	Estimated value.	Value per acre.
1	131	132	133	134	135	136
	Acres.	Rs.	Rs.	Acres.	Rs.	Rs.
Kharif ... Rice ...	408,658	96,41,228	23	1,148,667	3,43,00,034	30
Jowári ...	105,443	6,11,116	6	382,220	40,71,272	11
Bájri ...	373,635	55,94,040	15	496,118	72,73,303	15
Cotton ...	258,926	97,47,116	38	259,873	97,82,654	38
Other crops ...	40,732	9,84,841	24	76,803	18,30,321	24
Total ...	1,187,394	2,65,78,341	22	2,363,681	5,72,57,584	24
Rabi ... Wheat ...	170,086	41,83,608	24	473,256	1,47,22,246	31
Barley ...	4,264	91,899	21	16,552	2,97,454	18
Oil-seeds ...	60,913	14,42,027	24	244,675	42,57,923	17
Other crops ...	62,789	11,87,679	19	409,203	72,18,961	18
Total ...	298,052	69,05,213	24	1,143,686	2,64,96,584	23
Total under both Heads ...	1,485,446	3,34,83,554	22	3,507,367	8,37,54,168	24

STATEMENT

Comparative Statement of Irrigation and Rainfall for

Civil District	Of the Civil District.			Works supplying Irrigation.		Culturable Area commanded by the Irrigation Works, in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.	
1	2	3	4	5	6	7
	Acres.	Acres.	Acres.			Acres.
Khelat Territory.	513,195	276,920	109,506	1	Desert Canal	101,493
				2	Begári Canal	180,000
					Total ..	281,493
Upper Sind Frontier.	1,702,228	1,235,621	614,754	3	Desert Canal	287,492
				4	Unharwáh	214,056
				5	Begári Canal	416,887
				6	Canals from Kashmor Bund ...	29,401
				7	Sukkur Canal	50,618
				8	Ghár Canal	53,714
				9	Sind Canal	4,119
				10	Canals in Rohri	...
					Total ...	1,056,287
Sukkur Collectorate.	3,586,459	1,923,579	367,102	11	Begári Canal	83,334
				12	Sukkur Canal	58,056
				13	Ghár Canal	942
				14	Ghár Bunds	2,940
				15	Mahiwáh	145,445
				16	Sind Canal	186,919
				17	Canals in Rohri	146,498
				18	Garang Canal	17,900
				19	Rajib Canal	12,400
				20	Chitti Canal	18,200
				21	Bunds in Rohri	450
				22	Sukkur-Begári Bund	19,268
				23	Kásimpur Bund	5,000
				24	Nára Supply Channel	25,000
					Total ...	722,352
Lárkána Collectorate.	1,762,102	1,204,601	599,332	25	Begári Canal	300
				26	Sukkur Canal	57,448
				27	Ghár Canal	403,743
				28	Ghár Bunds	220
				29	Sind Canal	97
				30	Western Nára	350,105
				31	New Feeder	1,600
				32	Pritchard Canal	25,441
				33	Wahurwah	8,000
				34	Marvi	15,121
				35	Dádu Canal	30,654
				36	Phitta Canal	14,460
				37	Manchar	21,500
				38	Aral	11,000
				39	Nára Bunds	10,005
					Total ...	949,694
Karáchi Collectorate.	5,498,556	1,863,867	266,692	40	Canals north of Kotri	21,780
				41	Bunds north of Kotri	1,150
				42	Kalri	36,130
				43	Baghar	67,158
				44	Indus Canal, Right Bank	80,546
				45	Pinyári	138,002
				46	Indus Canal, Left Bank	147,391
				47	Sattah	60,976
				48	Bunds, Right Bank	9,740
				49	Bunds, Left Bank	23,520
				50	Other Canals (Mulchand)	14,501
					Total ...	600,894

IV-E.

the years 1916-1917 and 1917-1918 in Sind.

Area at present estimated as annually irrigated by the works, specified in column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1916-1917.			1917-1918.			1916-1917.	1917-1918.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
65,000	33,767	37,161	70,928	12,915*	36,316*	49,231*	2 68	9 11	*Excludes Kharába and uncultivated areas assessed by the Political Agent, Sibi, as under:—
30,000	27,556	6,082	33,638	12,302*	6,888*	19,190*	4 09	11 62	
95,000	61,323	43,243	104,566	25,217*	43,204*	68,421*			Kharif. Rabi. Total.
									Desert Canal. 15,361 5,291 20,652
									Begari Canal. 16,140 985 17,125
130,000	91,928	77,491	169,419	78,215	78,833	157,048	2 68	9 11	
70,000	56,256	28,985	85,241	45,576	44,346	89,922	1 88	6 64	
200,000	151,472	109,306	260,778	129,603	118,257	247,860	4 09	11 62	
4,000	4,373	2,084	6,457	2,460	2,687	5,147	2 05	11 49	
36,587	11,698	10,897	22,595	11,678	19,713	31,391	9 26	15 48	
20,185	9,661	4,897	14,558	9,706	7,824	17,530	9 26	15 48	
...	...	...	...	120	20	140	...	...	
...	...	...	...	...	...	...	...	...	
460,772	325,388	233,660	559,048	277,358	271,680	549,038			
50,000	48,567	18,472	67,039	41,777	22,189	63,966	4 09	11 62	
49,166	22,196	12,779	34,975	17,749	11,334	29,082	1 45	12 93	
550	229	171	400	233	352	585	1 60	17 77	
1,900	2.0	254	464	150	325	475	1 60	17 77	
99,000	46,475	27,959	74,434	30,171	36,621	66,792			
111,372	67,705	25,313	93,018	56,771	39,157	95,928			
82,968	45,038	20,495	65,533	26,453	28,051	54,504			
9,500	3,741	4,040	7,781	2,340	4,700	7,040			
11,300	6,98[illegible]	5,401	12,382	4,799	5,671	10,470	3 98	10 31	
14,500	6,332	5,882	12,214	4,638	6,910	11,548			
180	39	188	227	27	122	149			
13,000	4,800	6,891	11,691	2,318	8,348	10,666			
4,000	838	700	1,538	452	735	1,187			
23,000	1,982	11,635	13,617	1,848	13,110	14,958	...	...	
470,436	255,133	140,180	395,313	189,726	177,624	367,350			
125	...	...	...	...	...	...	4 09	11 62	
49,362	40,616	28,074	68,690	38,937	29,733	68,670	1 60	17 77	
337,473	206,701	134,653	341,354	196,457	127,638	324,095	3 12	14 9	
75	...	53	53		73	73	3 33	17 18	
30	...	...	...	...	...	...	...	...	
302,543	226,591	136,224	362,815	183,642	120,892	304,534			
1,500	866	104	970	532	209	741			
18,000	9,847	2,923	12,770	7,922	3,01	10,926			
5,800	2,437	1,397	3,834	1,583	2,050	3,633			
10,200	3,626	1,848	5,474	2,078	2,402	4,480	9 68	15 88	
21,550	8,251	9,164	17,415	7,627	10,830	18,457			
14,400	4,713	2,710	7,423	4,009	6,149	10,158			
26,500	2,170	15,117	17,287	1,644	6,912	8,556			
8,000	5,250	8,501	13,751	2,740	10,075	12,815			
7,693	2,629	1,223	3,852	1,020	2,262	3,282			
803,251	513,697	341,991	855,688	448,191	322,229	770,420			
12,963	9,086	6,450	15,536	6,218	6,144	12,362	9 86	15 88	
605	735	335	1,070	670	196	866			
25,260	18,397	2,911	21,308	15,726	3,347	19,073	16 66	10 50	
26,082	36,566	8,242	44,808	30,308	9,985	40,293	16 87	14 88	
31,479	34,908	6,945	41,853	34,376	6,655	41,031	15 65	10 84	
92,789	94,334	4,953	99,287	84,381	11,152	95,533	13 89	12 13	
57,634	49,931	3,184	53,115	38,769	3,569	42,338	14 91	11 71	
14,059	11,856	563	12,419	16,080	946	17,026	14 29	9 75	
4,986	5,790	1,287	7,077	5,748	546	6,294	15 65	12 14	
5,248	6,512	837	7,349	5,367	1,467	6,834	14 21	11 84	
3,206	5,017	112	5,129	4,317	619	4,936	7 49	...	
274,311	273,132	35,819	308,951	241,960	44,626	286,586			

STATEMENT

Civil District.	Of the Civil District.			Works supplying Irrigation.			Culturable Area commanded by the Irrigation Works, in column 6 in Acres.
	Total Area in Acres.	Culturable Area in Acres.	Cultivated Area in Acres.	No.	Name.		
1	2	3	4	5	6		7
	Acres.	Acres.	Acres.				Acres.
Thar and Párkar Collectorate.	8,727,538	2,620,016	952,726	51	Jámráo Canal		590,496
				52	Eastern Nára		501,589
				53	Mithráo Canal		406,675
				54	Khipro Canal		33,745
				55	Thar Canal		136,000
				56	Hiral Canal		49,916
				57	Gháro Mahmudo		40,300
				58	Kari Shumali		26,600
						Total ...	1,785,321
Nawabshah Collectorate.	2,491,585	1,691,975	560,521	59	Jamráo Canal		201,610
				60	Mehrabwah		64,996
				61	Nasrat Canal		310,440
				62	Naulákhi		154,956
				63	Dámbro		41,872
				64	Dad Canal		352,349
				65	Ren Distributary *ex* Dad		40,658
				66	Renwah		90,500
				67	Alibahar Kacheri		49,653
				68	Great Márak		171,670
				69	Gháro Mahmudo		57,380
				70	Other Canals		119,157
						Total ...	1,655,241
Hyderabad Collectorate.	2,833,782	2,038,672	601,914	71	Jámráo Canal		...
				72	Alibahar Kacheri		2,247
				73	Great Márak		76,730
				74	Gháro Mahmudo		270,700
				75	Sarfraz		139,400
				76	Kari Shumali		185,500
				77	Nasirwah		127,300
				78	Other Canals		530
				79	Fuleli Canal		1,437,500
				80	Hasanali Canal		84,000
				81	Other Canals		95,900
						Total ...	2,419,807
	27,115,445	12,855,251	4,072,547			Grand Total	9,471,089

Note.—The difference in the figures of columns 2, 3 and 4 as compared with the last year is due to revised last year, as given by the Revenue Authorities, is due to the fact that large unassessed numbers have

IV-E—*concluded.*

Area at present estimated as annually irrigated by the Works specified in Column 6.	Area irrigated in Acres.						Rainfall.		Remarks.
	1916-1917.			1917-1918.			1916-1917.	1917-1918.	
	Kharif.	Rabi.	Total.	Kharif.	Rabi.	Total.			
8	9	10	11	12	13	14	15	16	17
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Ins. cts.	Ins. cts.	
196,832	123,420	59,376	182,796	109,658	70,040	179,698	10 57	14 65	
90,900	31,876	10,587	42,463	24,863	10,183	35,046	11 6	14 14	
143,500	104,052	23,337	127,389	97,026	19,429	116,455	11 63	12 51	
8,000	4,179	413	4,592	2,754	88	2,842	14 0	16 80	
50,000	54,259	3,465	57,724	49,645	2,995	52,640	9 15	17 33	
15,700	13,905	3,748	17,653	9,798	320	10,118	12 69	17 42	
(*a*)	6,129	248	6,377	5,784	450	6,234	6 54	14 37	(*a*) Included in Hyderabad Collectorate, Separate figures not available.
(*a*)	5,020	97	5,117	4,451	280	4,731	6 54	13 98	
504,932	342,840	101,271	444,111	303,979	103,785	407,764			
67,203	40,052	16,568	56,620	42,491	16,170	58,661	12 55	15 51	
12,635	11,886	1,316	13,202	10,065	3,184	13,249	3 83	17 45	
60,790	94,885	6,595	101,480	66,401	11,477	77,878	8 4	18 4	
45,200	46,996	4,977	51,973	40,009	11,386	51,395	4 47	18 41	
13,100	14,251	2,242	16,493	12,075	3,680	15,755	9 54	19 24	
92,200	95,726	17,961	113,687	78,219	29,953	108,172	16 64	17 83	
11,285	9,649	1,833	11,482	7,712	5,555	13,267	22 55	20 29	
20,150	467	470	937	337	622	959	22 55	20 29	
12,500	11,102	2,934	14,036	11,052	3,945	14,997	16 13	17 37	
66,020	62,830	10,421	73,251	58,636	10,157	68,793	14 95	16 91	
24,000	22,050	3,155	25,205	21,171	3,909	25,080	9 72	14 37	
62,350	7,989	4,583	12,572	6,072	7,376	13,448	19 3	17 56	
487,433	417,883	73,055	490,938	354,240	107,414	461,654			
...	5	5	10	14	33	47	...	...	
18,300	1,759	413	2,172	1,595	738	2,333	13 98	17 37	
58,350	8,594	3,476	12,070	7,694	3,304	10,998	13 98	16 91	
68,200	46,490	8,724	55,214	44,367	9,897	54,264	11 70	14 37	
40,800	28,994	2,966	31,960	27,751	2,276	30,027	12 75	12 91	
43,000	31,621	3,483	35,104	31,211	2,558	33,769	11 70	13 98	
30,250	27,542	4,057	31,599	28,587	4,817	33,404	11 70	15 56	
(*b*)	24	5	29	13	25	38	...	...	(*b*) Included in Nawabshah Collectorate. Separate figures not available.
400,000	390,153	54,668	444,821	341,935	44,845	386,780	14 12	12 48	
30,000	19,586	417	20,003	18,043	912	18,955	12 61	14 63	
35,000	24,922	3,355	28,277	21,800	3,719	25,519	13 6	10 96	
723,300	579,690	81,569	661,259	523,010	73,124	596,134			
3,820,035	2,769,086	1,050,738	3,819,874	2,363,681	1,143,686	3,507,367			

figures reported this year by the Revenue Authorities. The difference in the figures of column 7 as compared with the not any settled source of irrigation shown in Survey Records.

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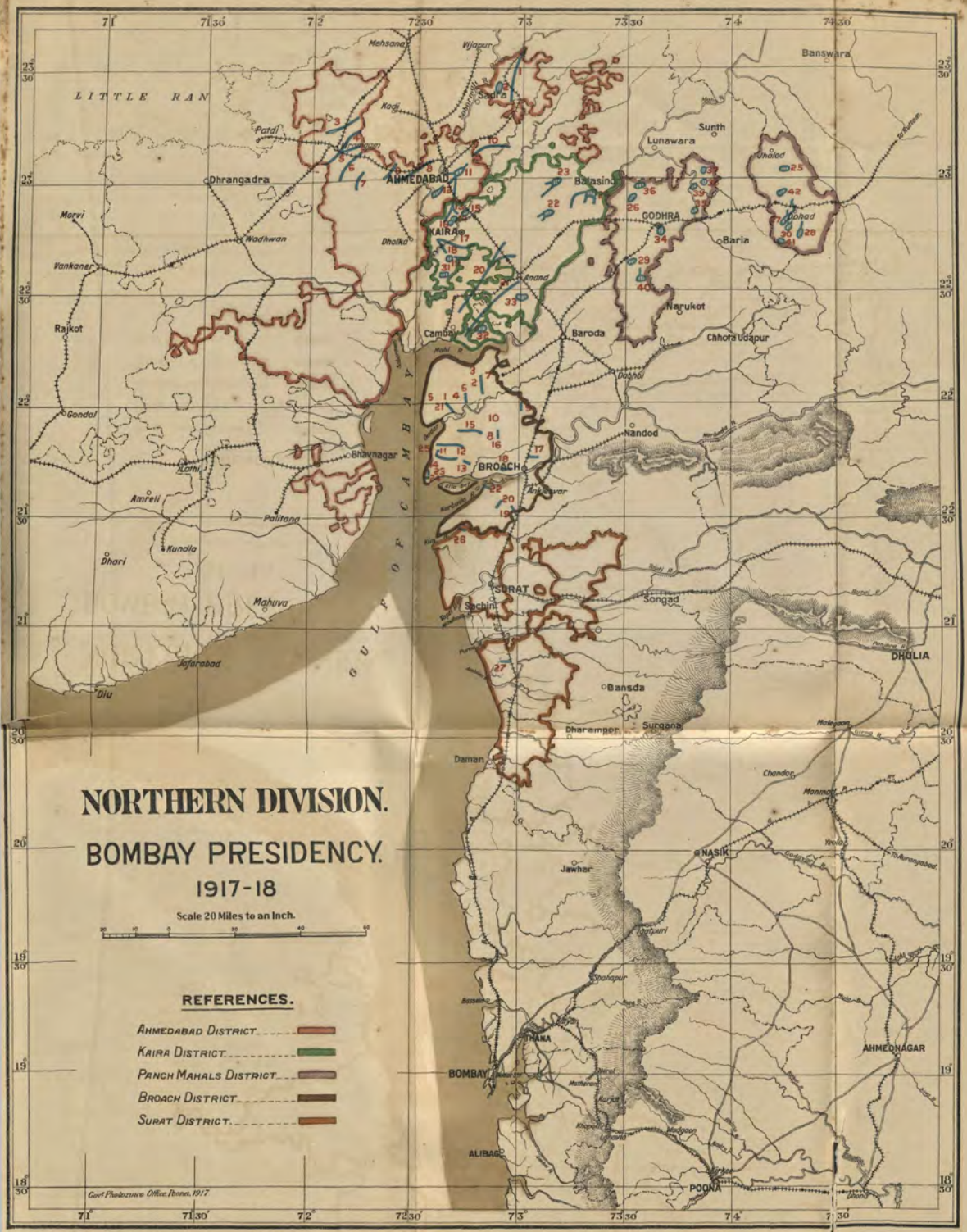


NORTHERN DIVISION.

BOMBAY PRESIDENCY.

1917-18

Scale 20 Miles to an Inch.

20 10 0 20 40 60

REFERENCES.

- AHMEDABAD DISTRICT.
- KAIRA DISTRICT.
- PANCH MAHALS DISTRICT.
- BROACH DISTRICT.
- SURAT DISTRICT.

Govt Photozinco Office, Poona, 1917

GUJARAT IRRIGATION DISTRICT.

Works in Operation.

AHMEDABAD COLLECTORATE.

1. Hathmati Canal.
2. Bokh Reservoir.
3. Panar Dediasan Drainage.
4. Viramgam Drainage.
5. Narsingpur Drainage.
6. Ghoda Feeder.
7. Ogan Drain.
8. Drain from Godhavi to Goraj.
9. Chekhla Drain.
10. Khari Cut.
11. Chandola Tank.
12. Vasai Reservoir.

KAIRA COLLECTORATE.

13. Khari Sluices.
14. Gobhalaj Tank.
15. Galki Tank.
16. Bherai Reservoir.
17. Matar Drain.
18. Tranja Tank.
19. Nagrama Tank.
20. Anand Mogri Drain.
21. Karamsad Drain.
22. Saiat Tank.
23. Savli Tank.
24. Wangroli Tank.

PANCHMAHALS COLLECTORATE.

25. Mandelav Tank.
26. Ratneswar Tank.
27. Muwalia Tank.
28. Garabada Tank.
29. Malao Tank.
30. Futelao Tank.

Incomplete Works.

KAIRA COLLECTORATE.

31. Pariej Tank.
32. Kanbha Tank.
33. Kantharia Tank.

PANCHMAHALS COLLECTORATE.

34. Kanelao Tank.
36. Orwada Tank.
37. Rajayata Wandeli Tank.
38. Dangaria Tank.
39. Bodidra Tank.
40. Vada Talao.
41. Chharchoda Ambli Tank.
42. Suki River Project.

BROACH DISTRICT.

Works in Operation.

1. Kora Madapher Jantram Drainage Channel.
2. Nobarumra Kotasar do do
3. Namdhana Nobar do do
4. Amanpur Nadiad do do
5. Sindhav do do
6. Wansetta do do
7. Channel from Ubes Vile to meet Chl. near Daba
8. Kolvan Itola Drainage Channel.
9. Ghamnad Drainage Channel including Danda and Shimaltha.
10. Ninum Channel.
11. Samadhpur Paniadra Channel.
12. Pakhajan Ambhel do
13. Nadida Akhod do
14. Jolva do
15. Ora Vichiad adalpur do
16. Rahad do
17. Waghusan Drainage do
18. Wansi do
19. Adol Hajat do
20. Asta do
21. Asarsa Reclamation Bund.
22. Hansot do do
23. Protective Bund at Kadodra.
24. Protective Bund at Lakhigam.
25. Protective Bund at Harimgar.

SURAT DISTRICT.

Works in Operation.

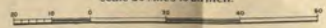
26. Morthan Channel.
27. Waghrej Protective Works.

CENTRAL & DECCAN IRRIGATION DIVISIONS BOMBAY PRESIDENCY

FOR

IRRIGATION ADMINISTRATION REPORT 1917-18.

Scale 20 Miles to an Inch.



POONA IRRIGATION DISTRICT

Works in Operation

1. Nira Canal
2. Shetphal
3. Lake Fife (Mutha Canals)
4. Mutcha.
5. Kasurdi.
6. Shirsuphal.
7. Bhadalwadi.

Incomplete Works

8. Khamgaon.
9. Varvand.

PRAVARA CANALS DISTRICT

Works in Operation

1. Godavari R. B. Canal.....(from 0 to end)
2. Godavari L. B. Canal.....(from 0 to end)
3. Pravara R. B. Canal .....(from 0 to end)
4. Pravara L. B. Canal .....(completed but not in operation.)
5. Lakh Canal .....(to be abandoned)

NASIK IRRIGATION DISTRICT

Works in Operation

1. Waghad Tank
2. Chankapur Tank
3. Khirdisathe Tank
4. Girna L.B. Canal.
5. Palkhed Canal
6. Wadali Canal.
7. Ojhar Tambat Canal
8. Parsul Tank
9. Girna Group
10. Aram Group
11. Mosam Group
12. Godavari Group
13. Kadwa Group
14. Darna Group
15. Deo Group.
16. Mahalungi Group
17. Darna Reservoir (Lake Beale)

Works under Construction —Incomplete Works

18. Bhandardara Dam (Lake A. Hill)
19. Girna L.B. Canal Extension to Odal Tank

MALSIRAS DISTRICT

Works under Construction

MALSIRAS DISTRICT

Works under Construction

Nira R.B. Canal (from mile 48 to 89)

Work in Operation

1. Mhaswad Tank

Incomplete Works

2. Bhamburdi Tank

LONAND DISTRICT

Works under Construction

Nira R.B. Canal (from mile 0 to mile 17)

Works in Operation

Nil

WEST KHANDESH DISTRICT

Works in Operation

1. Mukti Tank
2. Talwada Tank
3. Tapti River Minor Tributaries
4. Upper Panjhra River Group
5. Lower Panjhra River Group
6. Borai River Group
7. Kan River Group

Incomplete Work

1. Purmapada Tank

LAKE WHITING DISTRICT

Works under Construction

New Bhatghar Dam (New Lake Whiting)

Works in Operation

1. Lake Whiting

SHOLAPUR DISTRICT

Works in Operation

1. Ekruk Tank
2. Ashti Tank
3. Pathri Tank
4. Wadshwane Tank
5. Koregaon Tank

Incomplete Works

1. Hotgi Tank
2. Mangi Tank
3. Bodhihal Tank

AHMEDNAGAR DISTRICT

Works in Operation

Bhatodi Tank

Works under Construction

Visapur Tank

EAST KHANDESH DISTRICT

Works in Operation

1. Jamda R. B. Canal
2. Jamda L. B. Canal
3. Mhaswa Tank
4. Hartala Tank

SOUTHERN DIVISION
BOMBAY PRESIDENCY
FOR
IRRIGATION ADMINISTRATION REPORT.
1917-18.

Scale 20 Miles to an Inch.

SATARA DISTRICT.

Works in Operation.

1. Krishna Canal.
2. Revari do
3. Upper Man River Works. (Pingli Tank.)
4. Yerla River Irrigation Works. (Nehr. Tank.)
5. Chickhli Canal.
6. Mayni Tank.

Incomplete Work.

7. Goregaon Tank.

BELGAUM DISTRICT.

Works in Operation.

1. Gadikeri Tank.
2. Gokak Canal:—1st Section and Storage Works.
3. Shedbal Tank.

DHARWAR IRRIGATION DISTRICT.

Works in Operation.

1. Dambal Tank.
2. Medleri do
3. Madag do
4. Asandi do
5. Mavinkop do
6. Dharma and Naregal Canals. (2nd Class).

BIJAPUR DISTRICT.

Work in Operation.

1. Muchkundi Tank.

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Reduced to Scale by
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